PLASTIMO
*happy boating to you!
2022
2023

New Catalogue, new season and... new energy for Plastimo !

As we are heading towards Plastimo's sixtieth anniversary, we are definitely not looking back !

Quite the contrary : we are capitalising on new sources of inspiration which pave the way towards more performance, creativity and innovation. Our new EZ range for example is developed in cooperation with boatbuilders to provide complete systems of ventilation and water on board that meet their most stringent industrial requirements.

Other very inspiring partners are professional offshore racers, with whom our teams have developed our new SLR 196 inflatable lifejacket. This premium jacket is crammed with functions and features that only the racing elite could imagine, and combines cutting-edge materials with our expertise in safety at sea.

Alongside our in-house developments, we select expert specialists and prestigious brands with the utmost care. We take pride in distributing Zhik, Typhoon, Ocean Signal, ACR... partners who share our number one concern for crew protection and safety at sea.

When leafing through these pages, visiting our Website or following us on social media, you will recognise this expertise built over 60 years' experience, boosted by a new momentum, a desire for fresh air and sea spray, a real wind of change blowing over Plastimo : on our new head office building next door to our Lorient factory, on our brand new products and revamped ranges, and very soon on our 2022 new Website, designed to be even more informative and user-friendly for yachtsmen, more modern and efficient for our trade partners.

Want to join the wind of change ? Welcome on board !

Yann Cornec
General Manager

PLASTIMO
*happy boating to you !

Guillaume Gatefait ©

Guillaume Gatefait ©

World Solo Round-the-World Record in 2017, winner of the Transat Jacques Vabre (2015) and Bakerly (2016) François Gabart contributed his expertise by testing the new SLR196 lifejacket in real conditions alongside Tom Laperche on the ultim boat SVR Lazartigue.

Inspired by champions

... and inspiring confidence.
Plastimo works in close cooperation with renowned skippers who test products in the most extreme conditions.
This challenging validation process enables us to propose the latest updates and developments to yachtsmen.
Racers' demanding requirements boost our creativity and their success fuels our ambitions : a true motivation for our technicians to raise the bar always higher.

Kevin Escoffier, skipper of Imoca PRB and 2018 Volvo Ocean Race winner, worked with our R&D team to design the new SLR196 lifejacket. Easy-to-don lifejacket, lightweight and ergonomic, easy-to-release AIS beacon, one-handed buckle... Kevin reviewed and validated every detail.

B. Legatin ©

Research & Development

Safety

At the heart of the brand's DNA as reflected in our new lifejackets, safety harnesses and tethers incepted at our Lorient-France R & D.
From ladders to fenders, from inflatable tenders to bilge blowers, safety is always the no. one concern that prevails in all Plastimo developments.

Ergonomy

Out at sea, the safest is the simplest. The most innovating product is only worthwhile if it is intuitive and ergonomic to operate.
For Plastimo, ergonomy contributes to the correct use of the product, it is therefore a guarantee of durable quality and... safety.

Sailors re-invent sailing practices, Plastimo re-invents equipment.

Tom Laperche, French champion Course au Large, Figaro Bénéteau 3 equiped with Plastimo Airbags.

Service

Being on the market for over 50 years gives us maturity and an in-depth knowledge of yachtsmen's and dealers' needs. Plastimo is attentive to change in times, change in sailing habits, new kind of boats such as foiling boats, and change in customer's requirements.
Efficient service is therefore key to success, which can only happen by deploying the adequate logistics and being constantly alert to our customers requests.

Enjoyment

We always keep your objective in focus : enjoy boating and be so confident in your equipment, that you virtually forget it is there. Whether you are a yachtsman off to a family cruise, a challenging and teeth-gritting racer or a marine dealer anxious to satisfy his customers, we all have the sea in common and we want boating to be an enjoyable leisurely moment.

Plastimo designer-manufacturer since 1963

happy boating to you

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Your safety is our mission

Plastimo's commitment to safety has been at the core of our business for over 50 years

Plastimo offers a comprehensive range of 40 models of lifejackets and buoyancy aids to serve all watersports, incorporating individual preferences such as traditional foam or inflatables.

Every lifejacket goes through a complete check-up procedure at every stage of production. For example, every air chamber is tested fully inflated for 12 hours to check seam tightness.

EVEN SAFER

Since May 2020, Plastimo incorporate a Cylinder Safe Retainer (CSR) in the production of all their inflatable lifejackets*.

Lifejackets currently in use will be upgraded to include the CSR when are sent for servicing to the Plastimo factory or to a Plastimo approved station.

(*UML inflation heads, models MK2, MK5, M2, M3 and ProSensor).

Material selection and quality tests

Plastimo pays particular attention to the selection of materials involved in lifejackets production, according to the final use the garment is intended for. Materials are selected after stringent resistance tests conducted in situ and in our laboratories :

Resistance to heat and UV-rays, corrosion and abrasion, pull and tear, seawater and hydrocarbons.

Each finished garment is submitted to a series of tests in situ (buoyancy, self-righting capacity, pull…) with a large selection of people, to account for different bodyweight and stoutness.

Foam or inflatable lifejacket ?

Permanent floatation (foam) lifejacket		Closed-cell polyethylen foam or extra-flexible monoblock PVC foam.	Contributes to thermal protection. Provides a good protection against knocks.
Inflatable lifejacket		Thermo-welded polyurethane air chamber protected in an outer shell.	Very compact when lifejacket is not inflated. Comfortable over a long period of time. Unrestrictive to wear for active crew.

PLASTIMO
happy boating to you!

Safety

Guillaume Gotefait ©

Division 240
Mandatory security armament

J.M. Liot ©

Safety on board is the responsibility of the skipper and must be adapted to the navigation practiced.

In France, Division 240 applies to all pleasure craft for personal use or training use, with a hull length of 24 meters or less. It indicates the mandatory equipment and safety equipment on board, depending on the distance from a shelter*.

Division 240 has the objective, among others, to encourage navigators to always wear a lifejacket. This revision also made it possible to adapt it to new practices, in particular rental boats between individuals.

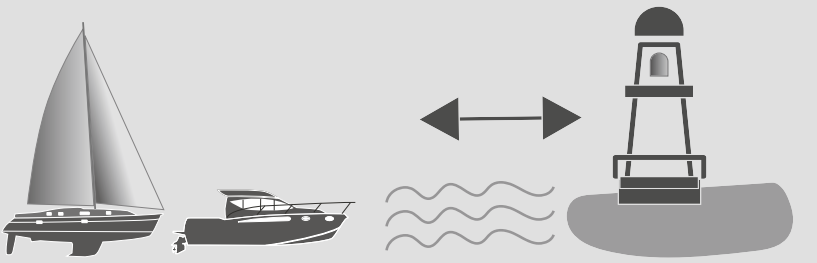
4 navigation zones are defined to best meet the different safety requirements.

BASIC : 0 to 2 miles

COASTAL : 2 to 6 miles

SEMI-HEAVY : 6 to 60 miles

OFFSHORE : > 60 miles



Pleasure boats with a length ≤ 24 M

According to distance from a shelter(*) (distance)

(*) A shelter is a place on the coast where any craft, boat or vessel and its crew can and safely anchor, land or come alongside and leave without assistance (taking into account the weather conditions of the moment as well as the characteristics of the craft or vessel).

It is important to be able to :

1 Make people feel safe

2 Communicate and report a distress

3 Secure the boat

4 Find your bearings and navigate

The Plastimo DIVISION 240 manual helps you to control and compose your security armament.

Find all the mandatory and optional equipment on www.plastimo.com and at your Plastimo dealer !

Your safety is an integral part of Plastimo's DNA.

You will find all this equipment in the following pages.

Model shown : COTIER 6-person gear bag, an ideal kit for sailing within 6 miles of a shelter with some of the mandatory safety equipment.
Kit to be completed according to the type and size of the boat..

J.M.Liot ©

Lifejackets & buoyancy aids

A lifejacket is a personal protective equipment (PPE). When worn and used properly, it contributes to increase the chances of survival of a man overboard. When choosing a lifejacket, particular attention must be paid to :

- **Legal requirements,** to be considered both countrywise and related to the type of activity (offshore cruising, regatta racing, seashore leisure activities, professional missions…)
- **Practice environment and conditions** (type of vessel, frequent use, dirty environment, sitting position…) which determine the most important features : comfort, flexibility, buoyancy, durability.
- **Size and stature** (adult, child, short stature or large body build) and the clothes worn in conjunction with the lifejacket (coastal seawear or heavy protection gear…)
- And of course **your own preference** !

EUROPEAN STANDARDS & DIRECTIVES

Buoyancy aids and lifejackets must meet the requirements of :

- ISO 12402 European standard,
- EU 2016/425 European regulation on PPE (Personal Protective Equipment).

Indispensable CE kitemark indicates that the lifejacket complies.

	Buoyancy aid 50 Newton* (50, EN ISO 12402-5)	Lifejacket 100 Newton* (100, EN ISO 12402-4)	Lifejacket 150 Newton* (150, EN ISO 12402-3)	Lifejacket 275 Newton* (275, EN ISO 12402-2)
Use	Coastal sailing, beach/shore activities. Suitable for good swimmers.	Sheltered waters, inshore and coastal sailing.	Open sea/blue water sailing.	Open sea/blue water sailing. Extreme conditions and professional use.
Type of vessel	Canoe-kayak, windsurf, dinghy, water ski, jet ski, kitesurf, stand up paddle.	Sail and power crafts.	Sail and power crafts.	Sail and power crafts Professional vessels*.
Performance	**Not self-righting.** Keeps the airway out of the water, wearer being conscious.	**Self-righting : turns wearer** safely on his back within 10 seconds.**	**Self-righting : turns wearer** safely on his back within 5 seconds.**	**Self-righting : turns wearer** safely on his back within 5 seconds,** user wearing heavy protective clothing. Recommended for use with clothing that may trap air. **most wearers
		Supports the head all around : on both sides of the head and at the back.		
Colour	One or several.	Bright colour imposed.	Bright colour imposed.	Bright colour imposed.
Reflecting material	Not required	100 cm^2	300 cm^2	300 cm^2
Whistle	Not required	Required	Required	Required
Grab handle	Not required	Not required	Required	Required
Crutch strap	Not required	Recommended	Recommended	Recommended

** most wearers

* Actual buoyancy indicated in our catalogue is on LARGE SIZE lifejackets and buoyancy aids.

A 150 N lifejacket is suitable for a vast majority of activities and users.
However, do not hesitate to consider upgrading to 275 N for a blue water cruise, if you have a stout body build, or if your boating activity requires to wear heavy gear.

Which lifejacket for me, according to my size and body stature ?

Check indications of size, weight, chest dimensions on the lifejacket tag.
Always try a lifejacket on prior to purchase.
CAUTION : always wear your lifejacket OVER your sailing clothes and make sure you adjust it to fit your body.

Particular case of young children :

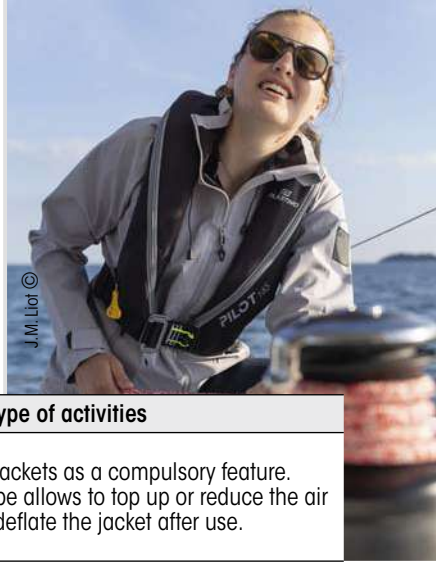
Regulation requires a child up to 30 kg to wear a 100 N lifejacket. When cruising offshore or practicing seashore activities, a child's lifejacket must ensure that the wearer will turn safely on his/her back and must also feature retro-reflective tapes for visibility and a grab loop.

SOLAS

WHEN ARE SOLAS LIFEJACKETS REQUIRED ?

SOLAS certified lifejackets are required on board commercial or passenger vessels (including recreational boats above 25 m).
They must be compliant with SOLAS – MED 2014/93/EU Marine Equipment Directive requirements.

Inflatable lifejackets



Which inflation mechanism ?

Designer and manufacturer of lifejackets for over 50 years, Plastimo gives you some extra clues to understand the lifejacket differences and operation and to select the best model for your application.

Inflation mechanism	How does it work	Applications / type of activities
ORAL	Blowing air into the air chamber.	Exists on all lifejackets as a compulsory feature. Oral inflation tube allows to top up or reduce the air volume, and to deflate the jacket after use.
MANUAL	Wearer pulls the firing cord : a pin pierces the bottle which releases the CO_2 into the air chamber.	Activities involving exposure to regular spray and waves, or repeated immersion in the water (bowman and deck racing crew, stand-up paddle learner…).
AUTOMATIC	Capsule contains a component which dissolves when in contact with water and causes the firing pin to pierce the bottle. CO_2 gas is then released into the air chamber.	Indispensable if wearer cannot swim. Highly recommended in most circumstances because it provides optimum safety : it is instantly operational and provides buoyancy even if casualty is unconscious when falling overboard.
AUTOMATIC PRO-SENSOR	Same operation mode as automatic mechanism.	Same recommended applications as automatic mechanism. Features a viewing window on lifejacket outer shell : green and red indicators give visual evidence of the firring head operational status at any time. Indispensable for all non-expert crew.
HYDROSTATIC HAMMAR	When the firing head is immersed, the hydrostatic pressure acts on the water-sensitive membrane which triggers the firing mechanism and releases the CO_2 into the air chamber.	Recommended for heavy wave and water exposed activities, (regatta racing, bowman and deck racing crew, navigation in very difficult conditions…). Inflation performance can be restricted if firing mechanism is not immersed enough to generate sufficient hydrostatic pressure.

SAFETY PLUS :
All lifejackets, including automatic models, are also systematically MANUAL.
All lifejackets feature an oral inflation tube as top-up.

Integrated harness

ISO 12401

Reduces the risk of man overboard : only a jacket with integrated harness features a stainless steel or textile loop to hook a tether that ties you to the boat.
Indispensable when night sailing or in rough seas, also a must for exposed bow crew when racing or when sailing single-handed. Highly recommended for children.

With harness

Without harness

Sprayhood

ISO 12402-8

Protects your face and keeps your airways safe from waves. Contributes immensely to increased chances of survival in rough seas.

Crutch strap

Prevents the lifejacket from riding up when inflated and facilitates swimming.

Take good care of your lifejacket : your safety depends on it.

Before putting out to sea, check visually the condition of your lifejacket. No sign of wear must appear and the firing system must be operational.

The lifejacket lifetime is directly related to the way it is stored and to the frequency and conditions of use.
Plastimo recommends servicing every 3 years either in our factory or in a Plastimo authorized station to extend the jacket lifetime.

In case of intensive use, annual servicing is recommended.
In case of professionnal use, please refer to local regulations.

Servicing in the Plastimo factory or with an authorized station consists in :

- A thorough inspection of the lifejacket general condition.
- Inflating the lifejacket to check for airtightness.
- Inspecting the inflation system (inflation head, CO_2 gas cylinder).
- Re-arming and re-packing the jacket following a very strict folding procedure.

Should you have to replace the re-arming kit, you must absolutely use a Plastimo re-arming kit.
See on pages 36-37.

How to choose

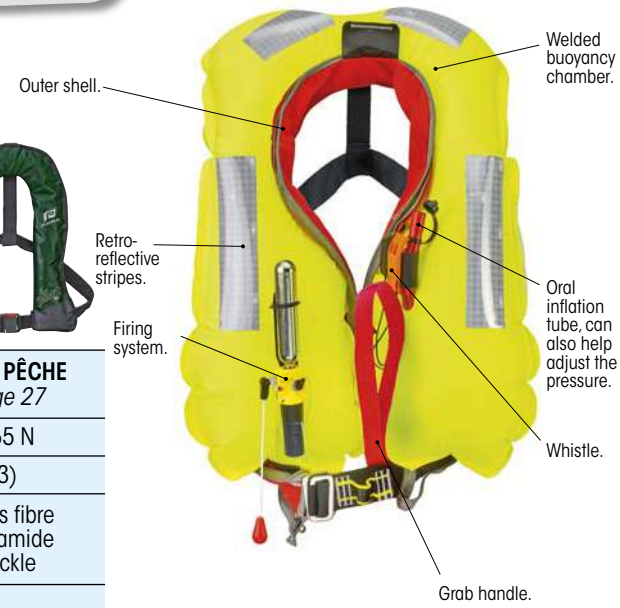
SPECIFICATIONS	SLR 196 *page 16*	SL 180 *page 18*	PILOT 165 *page 20*	EVO 165 *page 22*
Actual buoyancy*	196 N	180 N	165 N	165 N
Performance rating *(standard rating)*	150 N (EN ISO 12402-3)		150 N (EN ISO 12402-3)	
Lifejacket front closure	Aluminium buckle "Stab-lock"	Zip	St. steel buckle or glass-fibre polyamide double push-piece buckle	St. steel buckle or glass fibre polyamide double push-piece buckle
Integrated safety harness (EN ISO12401)	Textile loop	Dyneema® loops	Textile loop with retro-reflective insert	
Inflation : gas bottle	38 g CO_2	38 g CO_2	33 g CO_2	33 g CO_2
Firing / Manual only	-	-	✔	✔
automatic, water dissolving capsule	-	-	✔	-
auto Pro-Sensor, water dissolving capsule	✔	✔	-	✔
auto hydrostatic Hammar	✔	✔	✔	✔
Outer shell				
Closure	QBZ® zip	QBZ® zip	Zip	QBZ® zip
Main fabric	EN ISO 12402-7 extra-flexible polyester	EN ISO 12402-7 extra-flexible polyester	Very flexible polyester fabric	EN ISO 12402-7 extra-flexible polyester
Retro-reflective element	✔	✔	-	-
Viewing window	✔	✔	-	✔, on auto models
Zipped pocket	✔	✔	-	-
Crutchstrap	Double, included	Double, included	Option	Double, included
Sprayhood (EN ISO 12402-8)	Option	Included or option	Option	Option
Standard safety equipment	Whistle, grab loop in 25 mm polypropylene webbing (to grab casualty and hoist him/her out of the water), strap to attach extra safety add-ons (PLB, flashlight), retro-reflective stripes and oral inflation tube.			
Specific features	Neoprene collar Back strap with 5 pre-settings. Air chamber stitched to outer shell, easy to re-pack. "Stab-lock" type buckle in stainless aluminum. Deflation and control valve systems. Soft straps "mole" for accessory attachment points.	Neoprene collar Adjustable back strap Quick-fix side buckle Air chamber stitched to outer shell, easy to re-pack.	Flexible and technical fabric. Lightweight, ergonomic. Easy-to-hook harness. Slim design.	Short on chest, waterdrop design. Overhead donning Comfort front patch.
Belt / waistline	60-150 cm	60-130 cm	55-140 cm	60-130 cm
Lifejacket weight (as from ... g / e.g. manual model, no harness)	1100 g	1175 g	660 g	660 g
Recommended applications :	Blue water navigation and agile sailing.	Blue water navigation and agile sailing.	Multiple activities, frequent use.	Multiple activities, active sailing.

*Actual average buoyancy measured as per EN ISO 12402-9 standard, at 20°C after initial stabilisation

your inflatable lifejacket

All automatic lifejackets are also manual.

PILOT 275 *page 24*	**PILOT 290** *page 25*	**PILOT Pro 180** *page 26*	**PILOT PÊCHE** *page 27*
275 N	290 N	180 N	165 N
275 N (EN ISO 12402-2)		150 N (EN ISO 12402-3)	
St. steel or glass fibre polyamide buckle	St. steel buckle	St. steel or glass fibre polyamide buckle	Glass fibre polyamide buckle
316 L st. steel buckle	316 L st. steel buckle	316 L st. steel buckle	-
60 g CO_2	60 g CO_2	38 g CO_2	33 g CO_2
-	-	-	-
✔	✔	✔	✔
-	-	-	-
✔	✔	✔	-
Hook & loop fastener	Double QBZ® zip	Zip	Hook & loop fastener
Heavy duty polyamide	Heavy duty polyamide	Heavy duty washable polyester. Mold resistant, fire-retardant.	Washable polyester
✔	✔	✔	-
✔, on Hammar models	✔, on Hammar models	-	-
-	✔	-	-
Included	Double, included	Depends on models	Option
Option	Included or option	Option	Option
Whistle, grab loop in 25 mm polypropylene webbing (to grab casualty and hoist him/her out of the water), strap to attach extra safety add-ons (PLB, flashlight), retro-reflective stripes and oral inflation tube.			
Y-shaped back strap. Ultra-flat lifejacket. Large waistline size.	Boddy-hugging and flexible. Waist adjustment with quick-fix buckle. Modular : Molle® pockets/straps for add-ons. Fully equipped version.	Washable, heavy duty fabric, coated on both sides. Optimum visibility even non inflated.	Washable coated fabric. Cutaway sides for mobility. Reinforced base.
60-170 cm	60-175 cm	60-175 cm	60-130 cm
1060 g	1100 g	900 g	710 g
Intensive and blue water sailing. Professional and industrial applications. Wearers with heavy protection gear or stout body-built crew.		Recreational, commercial or sports fishing. Commercial and industrial applications.	Sea or river recreational fishing and angling.



MADE BY PLASTIMO

Options & Spares

See pages 34-35.
Re-arming kits : pages 36-37.

Special lifejackets :
see pages 28-30
Coastal and seashore activities.

Professional lifejackets :
see pages 31-33

SOLAS

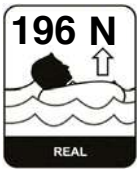
SLR 196 Lifejacket

INNOVATION BY PLASTIMO

Following the success of the SL 180, Plastimo launches its successor: the SLR 196 is more than ever cut out for performance.
A concentrate of functionalities imagined by the sailing elite and designed thanks to the expertise of Plastimo research and Development team.
An exclusive design coupled with a choice of high-tech materials make this lifejacket a "must have" in its category.

SUPERLIGHTRACE 196

30TH DAME NOMINATED 2021



François Gabart contributed his expertise by developing the SLR 196 lifejacket in testing in real conditions alongside Tom Laperche on the ultim boat SVR Lazartigue.

SLR 196

Super Light Race

Superior 196 N actual buoyancy.
The French emergency number for assistance at sea (mobile phone).

Lightweight, comfortable, and high performance, the SLR 196 has all the assets to be chosen by Sailors or the sailing elite.

Mastered design
- Exclusive dual chamber technology.
- Optimized bladder design with ergonomic neck.
- Release handle integrated into the cover.
- Modern design with high tech materials and carbon effect fabric.

Safety and performance
- 196N buoyancy to improve rollover efficiency and freeboard.
- Quick drain to adjust pressure and deflate the vest if needed.
- Access pocket for the percussion system.
- High resistance harness with textile buckle.

Lightweight and ergonomic design
- Ultra-flexible, follows the shape of the shoulders for greater ease of in maneuvers.
- Intuitive to put on and adjust (belt with invisible strap, 6 presetting's).
- "Stab-lock" type buckle in aluminum.
- Neoprene collar neckline.

CE

Quick « Stab-lock » type buckle in aluminum.

« Quick fit » Belt with 6 preset positions for quick fitting
Carbon durable fabric with double layer renforcement.

Soft housing with QBZ® Zip.

Integrated design handle « easy release system ».

Ref	Percussion	Harness & double crutchstrap	Sprayhood
70453	Automatic Pro-sensor	✔	Optional: 64950
70454	Hydrostatic Hammar	✔	
71026*	Hydrostatic Hammar	✔	✔

*Model required by most race safety committees (sprayhood is ISO 12402-8 certified).

Available spring 2022.

EXCLUSIVE TECHNOLOGY
invented by Plastimo :
To combine lightweight, performance and reliability, Plastimo replicates in the SLR 196 lifejacket the polyurethane film air chamber, engineered in its liferafts for decades.

Neoprene collar neckline

« 3D fit » mesh back panel: comfort and breathability

Inflator : automatic or hydrostatic release.

Reinforced fabric coating.

High resistance harness with fabric buckle.

Removable and adjustable Y-shape dual crutch strap.

Soft straps MOLLE® for accessories attachment points.

Kevin Escoffier worked with our R&D team to design the new SLR 196 lifejacket.

Air chamber design optimized with an even more ergonomic collar : Ensure an optimum support to improve the head freeboard above the water.

Quick deflation and easy Control valve System.

Air chamber fully stitched to the outer shell.

Straps for accessories.

High visibility fabric with retro-reflective stripes.

Grab handle.

Options & Spares parts

- ***Sprayhood***
  64950

Protects the face and airways from waves and water projections.

- ***Automatic flashlight***
  2263071

- ***Safety knife***
  65475

- ***Spare double crutchstrap***
  70940

Re-arming kits :

- *For automatic Pro Sensor system :* ***65872***
  (Water dissolving capsule alone : ***64496)***
- *For Hammar system :* ***71038***
  (Firing head alone : 71037)

SL 180 lifejacket

Extremely flexible and comfy, developed from the exclusive Plastimo technology. Reliable of course... and also functional and trendy.

Definitely the ideal lifejacket for blue water and agile sailing, the SL 180 has proven itself.

Pierre Quiroga, Macif 2019 skipper, winner of the Solitaire du Figaro 2021.

150 NF EN ISO 12402-3 / A1 2010

180 N REAL

ISO 12401

CE

EXCLUSIVE TECHNOLOGY invented by Plastimo : To combine lightweight, performance and reliability, Plastimo replicates in the SL 180 lifejacket the polyurethane film air chamber, engineered in its liferafts for decades.

64113
+ 65539

Fluo orange air chamber, fully stitched to outer shell.

*** SL 180 automatic Hammar, with lifejacket integrated sprayhood 65539**
Model required by most race safety committees (sprayhood is ISO 12402-8 certified).
Sprayhood protects the face and airways from waves and water projections.
Harness and double crutchstrap are included as original.

SL 180 lifejacket

- **Highly flexible and ergonomic,** for perfect body fit in all manœuvres and body positions.
- **Practical and intuitive donning :** zipped waistcoat style.
- **Dyneema® harness loop**.
- **Zipped outer** shell for perfect finish.
- **Neoprene collar** for snug fit, back patch for comfort.
- **YKK QBZ®** zip with 2 quickburst points, designed and certified for use on lifejackets.
- **Easily adaptable** to body size, at waist and in the back.
- **Modular :** Zipped pocket on outer shell and two straps on air chamber for extra add-ons.

Reference	Inflation	Harness & double crutchstrap		Sprayhood
64112	Automatic Pro Sensor	✔		–
64113	Hydrostatic Hammar	✔		–
65539*	Hydrostatic Hammar	✔		✔

Hi-tensile fibre harness : soft loops in Dyneema® and webbing in polyester, combining reliability and resistance with lightweight and contact-friendly construction.

Dyneema® is a registered trade mark of DSM.

Zipped pocket for extra safety equipment.

Neoprene neckline with ergonomic design flexes around your shoulders. Strap adjustment for better fit in height, foam padded patch for added comfort.

© J.M. Liot

Zip QuickBurst™ (QBZ) by YKK®

EN ISO 12402-7

Outer shell closure with Quickburst® zip for air chamber to deploy instantly. YKK QBZ® zip, specifically designed and certified for use on inflatable lifejackets.

Hervé Cohonner ©

MADE BY PLASTIMO

Options

- ***Sprayhood 64950***
  Integrated as standard feature on lifejacket ref. 65539, sprayhood can be added as an option on all other models. ISO 12402-8 compliant.

- ***Automatic flashlight 2263071***

- ***Safety knife 65475***

Re-arming kits

Spares

Re-arming kits :

- ***For automatic Pro Sensor system : 65872***
  (Water dissolving capsule alone : 64496)
- ***For Hammar system : 64116***
  (Firing head alone : 61671)

- ***Spare double crutchstrap : 65997***

Complete list of re-arming kits and firing heads on www.plastimo.com
We advise you to pay particular attention to checking the firing head version you have.

Pilot 165 lifejacket

A quintessential model in our lifejacket range, the Pilot 165 matches most boaters' needs and remains an excellent value for money.

Comfortable and lightweight, it is **the perfect all-rounder lifejacket**, ideal for all nautical activities (coastal boating, regular daycruising, racing...).

As the most efficient jacket is the one you actually like to wear, we have redesigned the outer shell to enhance comfort, elegance and modern features, while ensuring its primary mission : to protect the lifejacket safety essentials.

- **Ergonomic design, elegant and modern.**
  Very flexible and boddy-hugging providing a perfect fit to an active crew.
  Slim cut with optimized folding : just the right degree of compactness to preserve flexibility.
- **Soft and flexible fabric.**

- **Outer shell with zip closure.**
  Perfect finish and great looks, opening of outer shell only when required.
  Provides a better protection of the air chamber and avoids outer shell untimely opening.
  Easy to fold and re-pack when checking or servicing.

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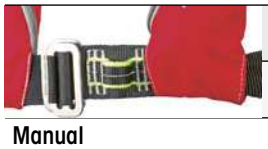
	PILOT 165 no harness (EN ISO 12402-3)		
	BLUE	**RED**	**BLACK**
Manual	**66783**	**66781**	**66785**
Automatic	**66797**	**66795**	**66799**
Hydrostatic Hammar	**66809**	**66807**	**66811**



	PILOT 165 with harness (EN ISO 12402-3 / 12401)		
	BLUE	**RED**	**BLACK**
Manual	**66791**	**66789**	**66793**
Automatic	**66803**	**66801**	**66805**
Hydrostatic Hammar	**66815**	**66813**	**66817**

Zip opens at both ends : easier to check quickly the inflation status. Also facilitates servicing.

• **Ergonomic harness with textile loop.** Sewn horizontally for enhanced ergonomy. Heavy duty hi-tech fibre with retro-reflective insert. Lightweight loop, just rigid enough to hook tether easily (shown here with tether, not included).

• **Double safety buckle** on jackets with no harness : double push-piece security, easier to click on and off.

XXL Pilot 165 lifejacket

68786

Rated 150 N, actual buoyancy 165 N.

Automatic lifejacket with harness, with same features as model ref. 66801 but with belt designed for **a 60 to 175 cm waistline.**

Options

• *Crutch strap* ***50524***

• *Sprayhood* ***64950***
ISO 12402-8 compliant

• *Molle® stowage pouch* ***65575***

Flashlight
• *Automatic :* ***2263071***
• *Manual :* ***2263075***

• *Safety knife* ***65475***

Spares

Re-arming kits

• *For manual system :* ***40199***
• *For automatic system :* ***40200***
(Water dissolving capsule alone : 40255)

• *For Hammar system :* ***58461***
(Firing head alone : 61671)

Would you like to have your brand logo on a series of lifejackets ?
Contact us, our sales desk will welcome your request.

EVO lifejackets

Unique design : short cut on chest combined with water-drop shape provides superior comfort and shoulder mobility. Different versions for the whole family.

- Ergonomic & short on chest.
- Flat and body-hugging for optimum freedom of movement and shoulder mobility.
- Ideally tailored for very active crew on deck. Comfy feeling even when sitting (kayak, angling…).
- Reinforced belt on stomach to improve comfort.
- Easy to put on (over-the-head).
- Overhead donning, side fastening and adjustment. Perfect finish and great looks, opening of outer shell only when required. Provides a better protection of the air chamber and avoids outer shell untimely opening. Easy to fold and re-pack when checking or servicing.
- Fluo yellow air chamber with retroreflective tapes.
- Removable and adjustable crutchstrap.
- Harness with textile loop, ideally centered. Heavy duty hi-tech fiber with retroreflective insert.

CE

Extra safety tips !

For optimum safety and visibility when needed, we recommend to fix a flashlight on the air chamber of every lifejacket on board.

Why choose a lifejacket with integrated harness ? because it is the only model that features the adequate resistance to clip a tether to keep you on board.

See also page 40 :
Foam lifejackets for children.

EVO-j lifejacket

- **Blue pattern design : 67362**
- **Red : 67360**

Automatic inflation lifejacket, designed for **wearers with 20 to 50 kg bodyweight**.

Soft and flexible fabric in either plain red or blue with graphic design (selected by a jury panel of youngsters aged 9 to 12).

110 N buoyancy, i.e. superior to the 90 N standard requirement : improves the self-righting capacity and provides higher freeboard to keep head well above water.
Neoprene collar for added comfort. Adjustable back strap helps keep jacket perfectly adjusted.

Integrated harness (ISO 12401) with textile loop in heavy duty hi-tech fibre, to hook the tether on.

Options & Spares

- ***Automatic flashlight : 2263071***
- ***Automatic re-arming kit : 38429***
  (water-dissolving capsule alone : 40255)

EVO 165 lifejacket

Proposed in 3 colourways with a new soft and flexible fabric : classic black, safety orange and tonic turquoise. Equally adapted to stout body-builds.
YKK QBZ® zip designed and certified specifically for use on lifejackets.
Double crutchstrap.

	EVO no harness (EN ISO 12402-3)		
	BLACK	ORANGE	TURQUOISE
Manual	66945	66943	66946
Automatic Pro Sensor	66955	66953	66957
Hydrostatic Hammar	66967	66965	66969

	EVO with harness (EN ISO 12402-3 / 12401)		
	BLACK	ORANGE	TURQUOISE
Manual	66950	66948	66952
Automatic Pro Sensor	66961	66959	66963
Hydrostatic Hammar	66973	66971	66975

Options & Spares

- ***Manual flashlight : 2263075***
- ***Automatic flashlight : 2263071***
- ***Safety knife : 65475***
- ***Sprayhood : 64950***
- ***Molle® pouch : 65575***

Spares

- ***Manual re-arming kit : 40199***
- ***Automatic Pro-Sensor re-arming kit : 65769***
  (water-dissolving capsule alone : 64496)
- ***Automatic Hammar hydrostatic re-arming kit : 58461***
  (Hammar firing head alone : 61671)

Pilot 275 lifejacket

Designed for recreational navigation and professoinal or industrial applications : delivers the performance required in intensive sailing
or difficult conditions.
Equally suitable for stout body build or wearers with heavy protection gear.

275 — EN ISO 12402-2 — 275 N — REAL

Automatic
65070

Hydrostatic Hammar,
62138 with crutchstrap

Crutchstrap included as original feature

Y-shaped 25 mm polypropylene straps hold the lifejacket flat on the back and prevent air trapped in the jacket. Also contribute to a better weight distribution on the shoulders.

- **Optimum safety**
  Y-shaped back strap, crutchstrap included as original feature.
  Strap on air chamber to attach extra safety add-ons.
- **Heavy duty**
  Very resistant PVC coated outer shell.

- **Flat and body-hugging for extra comfort**
  Folded flat with optimised compactness ratio to avoid stiffness.
  Round ergonomic collar.
  Backstrap reduces weight on the neck and holds the jacket perfectly in place.
- **Designed for waistline 60-170 cm.**

Options & Spares

- ***Sprayhood 64950***
  ISO 12402-8 compliant.

- ***W3 automatic flashlight 62058***

- ***Safety knife 65475***

- ***Molle® stowage pouch 65575***

Spares

Re-arming kits :
- ***For automatic system : 50375***
  (Water dissolving capsule alone : 40255)
- ***For Hammar system : 61634***
  (Hammar firing head alone : 61671)

- ***Crutch strap : 50524***

PILOT 275 no harness (EN ISO 12402-2)	BLACK	RED
Automatic	**66939**	**65069**
Hydrostatic Hammar	**66940**	**66941**

PILOT 275 with harness (EN ISO 12402-2 / 12401)	BLACK	RED
Automatic	**62134**	**65070**
Hydrostatic Hammar	**62138**	**65072**

Pilot 290 lifejacket

A very technical jacket with optimum features, combined with superior 290 N buoyancy.
Designed for professional and industrial applications, the Pilot 290 is ideal for wearers with heavy protection gear. It is equally suitable for recreational boating, in particular for stout body-built boaters or crew navigating in difficult sea conditions.

CE 275 EN ISO 12402-2 290 N REAL

Pilot 290 Ocean

- **Optimum safety**
  290 N buoyancy for even more efficient self-righting and higher freeboard.
  Recommended for seaworkers and professionals wearing heavy protection gear.
  Double crutchstrap as standard original feature.
- **Premium materials and design**
  PVC coated heavy duty outer shell with excellent flexibility ratio.
  Outer shell with YKK QBZ® zip closure : provides better protection of the air chamber and prevents outer shell untimely opening.
  Zip with two quickburst points for quicker deployment.
- **Comfortable**
  Folded flat for comfort and with the best compactness ratio to avoid stiffness.
  Round ergonomic collar.
  Backstrap reduces weight on the neck and holds the jacket perfectly in place.
  Easy adjustment with side quick-fix stainless steel buckle.
  Designed for waistline 60-175 cm.

In addition to its original equipment (harness, crutchstrap…), Pilot 290 is **a modular lifejacket** which you can upgrade with add-ons to meet your needs.

- **Zipped pocked** for PLB or any equipment that requires protection.
- **Molle®* system straps :** 3 straps sewn on the outer shell, to secure pouch ref. 65575 or any accessory with some attachment system.

(*Molle : Modular Lightweight Load-carrying Equipment).

Model	Ref.	Inflation	Sprayhood	Harness (EN ISO 12401)	Double crutchstrap	Flashlight
Pilot 290	**65577**	Automatic	Optional, ref. 64950	✔	✔	Optional
Pilot 290	**65579**	Hydrostatic Hammar	Optional, ref. 64950	✔	✔	Optional
Pilot 290 Ocean	**65580**	Automatic	✔ Integrated as standard feature	✔	✔	✔

Options & Spares

- ***Molle® pouch 65575***
  Vertical, 17 x 10 cm (H x W)

- ***Automatic flashlight 2263071***

- ***Sprayhood 64950***
  12402-8 compliant
- ***Spare double crutch strap : 65997***

- ***Safety knife 65475***

Re-arming kits :

- ***For automatic system : 50375***
  (Water dissolving capsule alone : 40255)
- ***For Hammar system : 66435***
  (Hammar firing head alone : 66436)

On Hammar models : a mesh patch built into the inner side of shell accelerates the water entry to trigger the firing head quicker.

Pilot Pro 180 lifejacket

The Pilot Pro 180 lifejacket features and performance stand on the edge between recreational and professional activities requirements.

It delivers 180 N buoyancy in a heavy duty washable outer shell that provides protection against wear and soil, a most welcome feature in fishing or industrial working environment.

150 N
EN ISO 12402-3
REAL

Reinforced safety
- 180 N buoyancy for even more efficient self-righting and higher freeboard, especially when wearing heavy gear.
- Outer shell with zip closure: provides better protection of the air chamber and prevents outer shell untimely opening.
- High visibility.
- On Hammar models, a mesh patch built into the inner side of shell accelerates the water entry to trigger the firing head quicker.

Heavy duty & washable
- Plain outer shell with no mesh or pocket that could potential get caught.
- PVC fabric coated on both sides.
- Reinforced anti-UV and anti-mold treatments.
- **Fire performance : BS 7837- B1 compliant.**

Comfortable & boddy-hugging & flat
- Flat design: non-compressed lifejacket, more flexible.
- Rounded comfortable collar.
- Back strap to reduce the weight of the lifejacket on the neck. Improved comfort and better body fit.
- Large waist strap : fits waistline 60 to 175 cm.

65318

65321

65321
Shown with optional PLB and flashlight

Options & spares

- *Sprayhood : **64950***
- *Flash light : **2263071***
- *Flash light w3 : **60833***
- *Crutchstrap : **50524***
- *Safety knife : **65475***
- *Molle® stowage pouch : **65575***

Spares
- *Re-arming kit for automatic system : **64114***
  (Water dissolving capsule alone : 40255)
- *Re-arming kit for Hammar system : **64116***
  (Firing head alone : 61671)

PILOT PRO 180 no harness (EN ISO 12402-3)		
	YELLOW	**Crutchstrap**
Automatic	**65318**	Option ref. **50524**
Hydrostatic Hammar	**65319**	

PILOT PRO with harness (EN ISO 12402-3 / 12401)		
	YELLOW	**Crutchstrap**
Automatic	**65320**	✔ Included
Hydrostatic Hammar	**65321**	

Pilot 165 AERO lifejacket

65955

Designed for pilots and passengers of aircraft on sea flights.

Lightweight and ergonomic, its short and slim fit provides comfort and freedom of movement, even when sitting. Equipped with a manual release system that complies with aeronautical requirements.

- Manual release : allows to get out of the aircraft in distress before inflating the lifejacket.
- Viewing window : allows to check the good condition of the inflation system.
- Crutch strap.
- Flash safety light with automatic activation (SOLAS).
- Adjustable belt for waist size 60-130 cm.
- Delivered with protection and storage bag.

150 N — EN ISO 12402-3 — 165 N REAL

CE

Options

- ***Re-arming kits : 40199,*** Manual, 33 g CO_2

Angling / fishing lifejackets

Pilot Fishing lifejackets

63760

Designed for fishing enthusiasts and also for shellfish and fishfarming professionals, who require a lightweight safety equipment, non obstrusive and comfortable to wear.

150 N — EN ISO 12402-3 — 165 N REAL

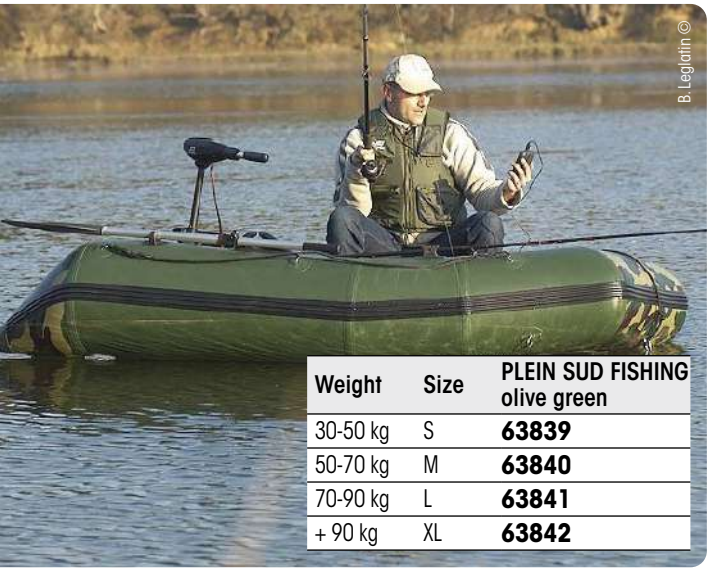
	PILOT FISHING AUTOMATIC
Features	• 150 N rated buoyancy, 165 N actual buoyancy. • Green outer cover, very easy to keep up and clean.
Recommended use	**Fishing : sea, lake or river, whether on foot or in a boat. Shellfish and fish farming activities.**
Inflation	Automatic.
Air chamber	Totally independent air chamber.
Visibility when inflated	Yellow chamber, 300 cm^2 retro-reflecting tapes.
Webbing straps	• Back strap : 25 mm polypropylene webbing for improved comfort and body fit. • Waist strap : 40 mm adjustable polypropylene webbing.

Options

- ***Crutch strap : 50524.***

- ***W3 flashlight, automatic 62058***

- ***Re-arming kit : 40200.***
- ***Automatic cartridge alone : 40255.***



Weight	Size	PLEIN SUD FISHING olive green
30-50 kg	S	**63839**
50-70 kg	M	**63840**
70-90 kg	L	**63841**
+ 90 kg	XL	**63842**

Plein Sud fishing vest

50 — EN ISO 12402-5

Designed to help safety-conscious anglers and fishing addicts get their tackle organised :

- 50 Newton buoyancy : one-piece polyethylene floats on chest and back.
- Durable 100 % polyester outer shell.
- Zip fastening and drawstring tightening at hem.
- Elasticated arm holes.
- 6 pockets of different sizes, lure-padding and 2 buckles.
- Loop in the neck to hang the vest.

Seapack 150 lifejacket

Inflatable air chamber is protected in a vacuum sealed pouch, with quick tear opening.

Seapack 150

67327

Manual inflation.

Designed for an emergency situation such as abandonship conditions.
Most compact : ideal format for a grab bag.
Can also be used on passenger vessels*.

*check regulation per type of vessel and transport.

Ideal in an emergency situation or as a spare / extra equipment in a grab bag, Seapack does however not replace a lifejacket that Plastimo recommends you to wear as a regular outfit when sailing.

Accessories

- ***Spare protection pouch : 65954*** *Pouch originally comes vacuum-sealed out of our factory. Easy to re-pack your Seapack once it has been blown open, by using this spare protection pouch after replacing gas bottle.*
- ***Re-arming kit : 40199*** *Manual, 33 g CO_2.*

SEAPACK 150 N	
Performance & recommended use	**Rated 150 N, actual buoyancy 165 N.** Manual firing only. Turns wearer in upright position. Midshore navigation.
Air chamber	• Yellow polyurethane, 33 g CO_2 gas inflation bottle. • Strap to secure a flashlight. • Oral inflation tube, whistle, 300 cm² retro-reflective tapes. • Features superior to standard requirements : buoyancy upgraded to 165 N and grab handle. • Waistbelt : Buckle in glass-filled polyamid + 40 mm polyester strap (fits waistline 60 to 130 cm).
Vacuum pouch	• Unmatched compactness, ideal in a grab bag. Vacuum sealed for extended life. • Dimensions : 310 x 220 x 45 mm. • Weight (including jacket) : 610 g.

Rescue Belt

Rescue Belt

67140

Manual activation inflatable buoy. Clip it around your waist, it is so lightweight and compact that you forget you are wearing it. If needed, just pull the toggle that triggers the inflation. Designed in a highly resistant material, it features two handles for one or two persons to hold on to it easily. The buoyancy aid is attached to the bum bag with a 1 m strap which allows to provide floatation to a person nearby and tow him/her towards the shore.

Developed in cooperation with water striding enthusiasts (shoreline hiking).

RESCUE BELT	
Performance & recommended use	**150 N buoyancy.** Versatile product for numerous applications : swimming, on-foot fishing, water striding… Highly recommended for instructors coaching a group of water striders.
Bum bag	Weight 450 g. Dimensions 260 x 100 x 70 mm.

Re-arming kit : 40199. *Manual, 33 g CO_2.*

Pilot Pocket lifejacket

Pilot Pocket lifejacket

65850

100 | 165 N | EN ISO 12402-4 | REAL | CE

165 N buoyancy ready for use, while you don't even feel like you are wearing a lifejacket : our famous Pilot 165 air chamber, integrated in a bum bag worn around the waist. Ideal for boardsports : stand-up paddle, canoe-kayak, water ski, wakeboard… Equally suitable for coastal navigation, tender shuttles or fresh water fishing and angling.

High performance

Rated 100 N category with 165 N actual buoyancy.
Keeps head and airways above water and turns wearer in the upright position.
With 165 N actual buoyancy and the addition of a grab handle, performance features are superior to the standard requirements.

Comfortable

- Lightweight and compact, leaves the wearer's upper body totally free.
- Ergonomic shape to really hug the wearer's body.
- Neoprene on inner side for added softness and comfort : feels smooth and comfy when worn next to the skin.

Easy to operate

- **Manual firing** : jacket will not inflate if it is heavily splashed (waves) or dropped repeatedly in the water when wearer is in learning mode.
- In case of emergency, pull the handle to unfold the air chamber and then slip over your head and pull the cord to inflate.
- Can also be inflated directly (without pulling it out of bum bag first) and then pulled over your head once inflated.

Practical and roomy

- Flat zipped pocket on the front to stash your essentials (keys etc…).
- Removable triangular pouch for additional stowage space.

Removable pouch

Slides along the belt, hook-and-loop fastener flap closure, D ring inside.
Designed for small accessories (water, suncream…) for long outings, training sessions or sea treks.
Mesh pouch, 45° oriented for easy access : ideal for sunglasses, VHF, Ø 8 cm drinking bottle etc.

PILOT POCKET 165 N	
Performance features	Rated 100 N, actual buoyancy 165 N. Manual firing only.
Bum bag	Dimensions : approx. 330 x 130 x 70 mm. Weight : 600 g (incl. lifejacket). Soft and resistant materials : polyester, Ripstop and neoprene. Adjustable belt strap, 40 mm wide : fits waistline 60 to 130 cm. Front zipped pocked : 100 x 220 x 30 mm. Opens on 15 cm.
Stowage pouch	Dimensions : 25 x 18 cm. Weight : 70 g. For Ø 8 cm drinking bottle (0.5 L approx.) Polyester, Ripstop, mesh and neoprene materials.

Spares
Re-arming kit : 40199
(Manual, 33g CO_2).

Seashore lifejacket

Designed for water striding, seashore fishing or angling or any activity done immersed in the water.
Features the air chamber of our Pilot 165 best-seller, integrated in an outer shell specifically tailored for an in-water activity that requires great agility.

100 EN ISO 12402-4 165 N REAL CE

Seashore lifejacket designed in cooperation with French National School of Nautical Sports (ENVSN) and the water striding club of Larmor-Plage.

Seashore lifejacket

- **Black : 65765**
- **Red : 65883**

Performance & recommended use

Rated 100 N, **165 N actual buoyancy**.
Provides support all around the head, self-righting capacity.

Designed to be used immersed, ideal for :
- Water striding (shoreline hiking),
- Beach fishing and cockle-picking, wading, surfcasting or flyfishing in river streams or strong current.
- Professional staff in coastal fisheries, oyster farms etc…

Comfortable

- Short on chest with cutaway sides, rounded neck.
- Lightweight and ergonomic for a greater agility in the water.
- Adjustable belt fits waistline 60 to 130 cm.

Easy to operate

- **Manual firing :** designed to inflate only if the wearer activates the firing handle intentionally (or a person nearby who would see the wearer in a potentially dangerous situation).
- In case of emergency, just pull the green firing handle that will cause the air chamber to inflate and deploy.

PILOT SEASHORE 165 N	
Performance features	Rated 100 N, actual buoyancy 165 N Manual firing only.
Outer shell	• Mesh textile material on the front to allow water drainage. Also facilitates fresh water rinsing and air drying. • Fluo green firing handle : easy to spot in order to make deployment instantaneous if necessary. Can be pulled by wearer or person nearby. • Fluo green loop in the neck to piggyback a person in a difficult condition. • 3 straps on both sides to secure safety or fishing equipment (safety knife, torch, extra pouch…). • Waistbelt : polypropylene buckle + 40 mm adjustable polyester strap (fits waistline 60 to 130 cm). 40 mm strap in the back helps keeping the lifejacket properly positioned when inflated. • Visibility : 2 reflective piping. Whistle on outer shell, accessible at all times even if lifejacket is not inflated.
Air chamber	• Yellow polyurethane, 165 N buoyancy. • Visibility : strap to secure a flashlight + 100 cm² retro-reflective tapes. • Tube for oral inflation.

Options & Accessories

- ***Molle® pouch 65575***
  Vertical, 17 x 10 cm (H x W).

- *Re-arming kit :* ***40199***
  Manual, 33 g CO_2.

- ***Lifeline bundle 65767***
  Mesh bag contains 20 m lifeline. Designed to be attached on the instructor's back when water striding in a row.

Profesional lifejackets

Fondation Tara océan ©

SOLAS

SPECIFICATIONS	AUSTRAL SOLAS	SOLAS BG-F-M 12 & 15	SOLAS 150 fire-proof	SOLAS 275
Actual buoyancy *	180 N	180 N	150 N	275 N
Performance rating (*standard rating*)	150	150	150	275
Integrated safety harness (EN ISO12401)	✔	-	-	-
Inflation : gas bottle	2 x 33 g	2 x 33 g	2 x 33 g	2 x 60 g
Firing				
manual	✔	✔	✔	✔
automatic, water dissolving capsule	✔	✔	✔	✔
Reflective stripes	400 cm²	400 cm²	400 cm²	400 cm²
Outer shell				
Main fabric	Heavy duty polyamide, 1 or 2-side coated.	PVC-coated polyester with fireproof treatment (BG-F-M 12) Heavy duty polyamide (BG-F-M 15)	Panotex® fire-poof fabric	Nylon
Retro-reflective element	✔	✔	-	-
Closing	Double QBZ® zip	Double QBZ® zip	Velcro	Velcro
Crutchstrap	✔ double	Double optional **65997**	✔ simple	✔ simple
Sprayhood (EN ISO 12402-8)	Option **64950** or integrated, depending on model	Option : **39819**	Option : **39819**	Option : **39819**
Standard safety equipment included	Flashlight, whistle, grab loop, oral inflation tube, retro-reflective stripes, safety line.			
Specific features	Asymetric double air chamber. Quick-fix buckle at waist belt. **Washable HR model**	Quick-fix buckle. Signalling mirror & carry bag. Neoprene collar on le BG-F-M 15	Asymetric double air chamber. Panotex® fabric cover, fireproof.	-
Belt / waistline	55 - 175 cm	55 - 175 cm	55 - 140 cm	55 - 140 cm
Lifejacket weight	1.580 kg (model 64290) 1.665 kg (model 65336)	1.520 kg (model 67052) 1.590 kg (model 67053)	1.530 kg	1.880 kg

* actual average buoyancy measured as per EN ISO 12402-9 standard, at 20°C after initial stabilisation.

SOLAS lifejacket

All SOLAS certified lifejackets feature a twin bladder air chamber to deliver the highest safety level required in professional extremely demanding conditions of use.
- 2 inflation systems,
- 2 overpressure valves,
- 2 oral inflation tubes.

SOLAS lifejackets are designed for professional use: commercial ships, fishing vessels, windfarms and, oil-rigging platforms...They offer an optimal level of technicality to allow professionals to carry out their activity in complete safety.

SOLAS 180 N lifejacket

High performance
- 180 N actual buoyancy.
- Dual chamber with 2 independants inflation systems.
- Manual and automatic firing.
- Chambre à air asymétrique avec col articulé pour optimiser le franc-bord et le retournement tout en apportant un soutien de la tête hors de l'eau.

Premium materials and design
- Tissus techniques résistants et souples.
- Housse extérieure fermée par un zip YKK QBZ®, pour une meilleure protection de la chambre à air, évite les ouvertures inopinées de la housse.
- YKK QBZ® zip (with 2 quickburst points to ensure a quicker deployment)

Fully equipped lifejacket
- Integrated harness (depending on model).
- Double crutch strap (depending on model).
- Pocket with safety line.
- Pre-installed flashlight.
- Straps for beacon and accessories.
- Adjustable waist belt with quick-release buckle.

Unique size.
From 43 kg.
Waist size : 55-175 cm.

MADE BY PLASTIMO

Specifically tailored neck cushion and asymmetric air chamber, to provide the required free-board and quicker self-righting even in rough seas and wearing heavy professional gear.

64290

Washable

64291 & 65336

Model	Ref.	Percussion	Harness	Housse	Double crutchstrap	Flash light	Sprayhood
Austral 180	**64290**	Automatic	✔	Red 2-side PVC coating, oilskin aspect	Double	✔	Option ref. 64950
Austral 180 HR	**64291**	Automatic	✔	Orange Double PVC coatedon both sides, washable Reflecting tapes	Double	✔	
	65336	Automatic	✔		Double	✔	✔

67052

Neoprene collar

SOLAS

67053

Model	Ref.	Inflation	Outer shell	Crutchstrap	Flashlight	Sprayhood	Other accessories
BG-F-M 12	**67052**	Automatic	Black PVC-coated 600 denier polyester with fireproof treatment	Optional ref. 65667	✔	Optional ref. 64950	Signalling mirror Carry bag
BG-F-M 15	**67053**	Automatic	Navy blue (equivalent color : AFNOR A518 NORMDEF 0001). Neoprene collar		✔		

Options & spares

- ***Sprayhood 64950***
  ISO 12402-8

- ***Flashlight 60833***
- ***Double crutchstrap 65997***
- ***Molle® stowage pouch 65575***
- ***Re-arming kit for automatic system 2 x 40200***
  (Water dissolving capsule alone : 40255 x 2)
- ***Safety Knife 65475***

Complete list of re-arming kits and firing heads on www.plastimo.com

SOLAS 150N lifejacket, fire-proof outer shell

59415

- Panotex® fire-proof fabric outer shell, hook and loop closure..
- Dual chamber with independant firing.
- Optimised air chamber to provide the required free-board and quicker self-righting.
- Waistbelt with stainless steel closing loop.
- Crutchstrap.
- Grab handle, whistle, safety line.
- Unique size, from 43 kg. 55-140 cm waistline.

2 bottles,
2 percussion heads

SOLAS 275N lifejacket

59416

- Polyamid fabric outer shell, hook and loop closure.
- Dual chamber with independant firing.
- Optimised air chamber to provide the required free-board and quicker self-righting..
- Waistbelt with stainless steel closing loop.
- Crutchstrap.
- Grab handle, whistle, safety line.
- Unique size, from 43 kg. 55-140 cm waistline.

Options & spares

- ***Sprayhood 39819***

- ***LED flashlight : 2263071***
- ***Re-arm pack***
  for 150 N : 40200 x 2*
  for 275 N : 50375 x 2*
  (water dissolving capsule alone : 2 x 40255)
  **order 2 kits per lifejacket*

Accessories for lifejackets

Sprayhood shown on SLR196 lifejacket.

ISO 12402-8

Sprayhood
64950

Sprayhood provides added protection against waves and enhances visibility in survival conditions.

- Y shape leaves unobstructed the safety instruments which require a clear emission scope (PLB, flashlight...) or enhance visibility (reflective tapes).
- Optimum visibility : bright fluo colour combined with retro-reflecting tapes on head and bust.

Easy to mount on your Plastimo lifejacket for added protection and visibility in survival conditions.

Approved to be used in conjunction with lifejacket models :

Pilot 165, EVO 165, SL180, Pilot Pro 180, Pilot 275, Pilot 290, Pilot Race, Austral SOLAS.

Sprayhood shown on Pilot 165 lifejacket.

Crutch straps

Strongly recommended: prevents the lifejacket from riding up when in the water, thus making swimming easier

Designation	Ref.	For lifejackets
Single crutch strap	**50524**	Pilot 165 Easyfit Seashore Fishing Pilot 165 Pilot Pro 180 Pilot 275
Double crutch strap	**65997**	SL180 Pilot 290 Austral
	70940	SLR196

Molle® pouch
65575

Ideal when combined with an inflatable lifejacket : loop it on the lifejacket straps to have a handheld VHF or other accessory always close at hand.
Vertical pouch : 17 x 10 cm (H x W).
Molle® : Modular Lightweight Load-carrying Equipment.

Safety accessories

Signalling mirror
27177

One of the most reliable, effective signalling devices : features an aiming spot to assist you in flashing in the intended direction.
Ø 86 mm.

Whistle
52937

ISO 12402-8

Polypropylene whistle, required on all lifejackets as from 100 N buoyancy.
Dimensions : 7.3 x 1.9 x 2 cm (L x H x W).
Weight : 5 g.

Safety knife
65475

Stainless steel blade, sharp cutting inside, round outside for safe stowing.
Highly visible plastic non-slip handle, ergonomic for perfect grip in an emergency.
Length : 13.5 cm.
Weight : 56 g.
Supplied with durable casing that can be attached to belt or lifejacket.

Individual lighting systems

A

B

C

Automatic flashlight

Individual LED lights for life jackets, vests or suits.
They are triggered by contact with water.
They can be switched on and off manually.
• Visibility up to 2 NM
• 5-year storage time

SOLAS

Choose the manual model for use on jet-ski, windsurf, paddle, kayak, kitesurf.

D

	Ref.	Model	Flash frequency	Run time	Fixation	Certification	Weight	Dim.	
A	**60833**	W3 Lithium battery	55/ flash/minute	8 hours	Clip	SOLAS / MED / USCG / Canada / Russia / South Africa.	35 g including clip	L 55,9 x l 37,8 x H 26.9 mm	1
B	**62058**				Clip + loop for attachment to oral inflation tube of inflatable jacket.				
C	**61941**				Clip. Hook and loop fastener band and attachment plate ; loop for attachment to oral inflation tube of inflatable jacket.				

E

D	**2263071**	Compact-battery alcaline*	51 to 54/ flash/minute	± 16 hours	Clip	SOLAS / MED / CCS	37 g clip inclus	L 63 x l 25 x H 17 mm	1
	2263072				Clip				20
E	**70595**				Clip + loop for attachment to oral inflation tube of inflatable jacket.				1

*Recycling battery.

Manual flashlight

Individual flashlight for lifejacket, jacket or suit.
Recommended for jet-ski, windsurf, paddle, kayak, kitesurf.

SOLAS

• Visibility up to 2 NM
• Light run time : +/- 16 hours.
• Flash frequency : 51 to 54 per minute.
• 5-year storage time
• Weight : 37 g (with clip).
• Dimensions : L 63 x l 25 x H 17 mm

Ref.	Battery	Fixation	Certification	
2263075	Alcaline*	Clip	SOLAS / MED / CCS	1
2263076				20

*Recycling battery.

Flashlight
301733

4 LED flashlight, floating and waterproof up to 100 m. Ideal for boating, diving, jet ski…

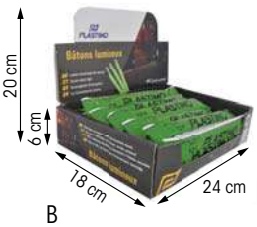
• 4 bright white LED, life span of more than 5 000 hours.
• 50 to 70 flash/minute.
• Autonomy : 150 hours.
• Visibility up to 2 km.
• ABS body and polycarbonate optic.
• Weight : 190 g with batteries.
• Power supply : 3 batteries AA (not included).
• Supplied with lanyard and arm-strap.

Lightsticks

CYALUME TECHNOLOGIES

Essential safety equipment, becomes indispensable for every crewmember sailing at night.
Visible at a distance of over 1 NM, with eyelet to attach to sailing jacket or lifejacket. 100 % reliable, unbreakable, non-corrosive, watertight, floating, nontoxic. Does not produce any flames or sparkles, nonflammable, does not require any batteries and can be used in a variety of circumstances.
• Floating stick 24 x 2 cm, with attachment eyelet.
• Produces a bright light instantly.
• Minimum range 1 NM.
• Phthalate-free.

A



B

C

	Type of stick	Ref.	Run time	
A	Green lightsticks x2	**301487**	12 hours	2 lightsticks
	Green lightsticks x10	**19668**	12 hours	10 lightsticks
B	Display box*, with 24 green lightsticks	**65933**	12 hours	Box of 24 lightsticks
C	3 assorted lightsticks : white, red, green	**65935**	White : 8 hours Red & Green : 12 hours	3 lightsticks

*Display box can be refilled with any colour lightsticks.

Inflatable lifejackets care & service

Designer and manufacturer of lifejackets for over 50 years, Plastimo gives you the necessary clues to keep your jacket in working order. An inflatable lifejacket must be serviced and thoroughly inspected at regular intervals to make sure it is fully operational at all times.

How to inspect and service your lifejacket ?

In the absence of a regulation defining servicing intervals, Plastimo recommends :

- A regular visual inspection conducted by the boat captain who is responsible for the crew's safety.
- A professional servicing session every 3 years minimum, carried out in the Plastimo factory or by one of our approved stations. In case of intensive or professional use, an annual servicing session is necessary.

Visual inspection by the boat captain :

Before putting off to sea, we strongly recommend that you check visually your lifejacket general condition, following the indications in the user's manual.

This consists in checking the major components and making sure that none of them gives evidence of any wear and tear : outside hull, inflatable chamber, straps, fastening buckles, whistle, retroreflective tapes, CO_2 bottle, firing head.

Pay particular attention to :

- Firing head : the gas bottle must be full, firmly secured/ screwed and showing no sign of corrosion. Check the correct status of the green safety indicators (green clip or green bright spot).

- Expiry date on the firing head of automatic or hydrostatic inflation models.

EVEN SAFER

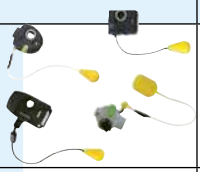
Since May 2020, Plastimo incorporate a Cylinder Safe Retainer (CSR) in the production of all their inflatable lifejackets*.

Lifejackets currently in use will be upgraded to include the CSR when are sent for servicing to the Plastimo factory or to a Plastimo approved station.

(*UML inflation heads, models MK2, MK5, M2, M3 and ProSensor).

Which re-arming kit for my lifejacket ?

Identify the type of firing head.

			SLR 196	Pilot Junior EVO-j
	Buoyancy		**196 N**	**110 N**
	Gas bottle model		**38 g**	**24 g**
			COMPLETE RE-ARMING KIT	
UML Manual	**Manual** UML (no cartridge to trigger automatic inflation)		-	-
UML Automatic	**Automatic** UML5		-	**38429**
UML Automatic	**Automatic Pro Sensor** (with visual indicators) UML MK2 MK3		-	-
UML Automatic	**Automatic Pro Sensor "Elite"** (with visual indicators)	SLR 196	**65872**	-
Hammar hydrostatic	**Auto Hammar** (hydrostatic) A1		-	-
Hammar hydrostatic	**Auto Hammar** (hydrostatic) MA1	SLR 196	**71038**	-

Professional servicing

Plastimo recommends servicing every 3 years either in our factory or in a Plastimo authorized station.
Find the closest authorized station on www.plastimo.com or identify it with this window sign. Such stations are also entitled to service professional PFD's which require an annual servicing.

Professional servicing consists in :
- A thorough inspection of the lifejacket general condition.
- Inflating the lifejacket to check the airtightness.
- Inspecting the inflation system (inflation head, CO_2 gaz bottle).
- Upgrading the lifejacket in case of a technical or standard evolution (e.g. adding the Cylinder Safe Retainer).
- Re-arming and re-packing the jacket following a very strict folding procedure.

If replacement is necessary, use Plastimo re-arming kits exclusively.

Use-by date / product lifetime :

- Water dissolving cartridge : 3 years.
- Hammar hydrostatic system : 5 years.
- Gas bottle : no expiry date. Must be replaced if corroded, if leaking or if lifejacket was blown open.

The lifejacket lifetime is directly related to its storage, frequency and conditions of use. Storing the lifejacket in a dry place when wintering preserves the components and contributes to extending the lifejacket lifetime.
Plastimo recommends to replace a lifejacket showing signs of wear and tear.

Pilot 165 ; EVO 165 Seapack ; Seashore Pilot Pocket Rescue belt Pilot Race Quickfit ; Easyfit	SL180 Pilot Pro 180	Pilot 275 Dan buoy	Pilot 290	Austral 180 SOLAS 150	SOLAS 275	
150 N - 165 N	180 N	275 N	290 N	150 N - 180 N	275 N	
33 g	38 g	60 g	60 g	2 x 33 g	2 x 60 g	
COMPLETE RE-ARMING KIT						AUTOMATIC CARTRIDGE ALONE
40199	-	50374	-	-	-	-
40200	64114	50375	50375	2 x 40200	2 x 50375	40255
58460	64115	61654	-	-	-	58505
65769	65872	65926	-	-	-	64496
40201	-	50376	-	-	-	42440
58461	64116	61634	66435	-	-	61671 65639 (Pilot 290) 71037 (SLR 196)

Multi-sports buoyancy aids

TYPHOON

Lifejacket designer and manufacturer for over 50 years, Plastimo teams up with Typhoon, the specialist of **water sports protection equipment** and proposes a selection of multi-sports buoyancy aids : dinghy and foil-sailing, kitesurf, kayak, waterski, wake-board, tow-buoys, jetski…

50 N
EN ISO 12402-5

CE

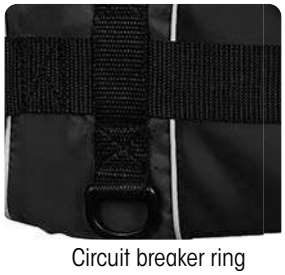
Back of buoyancy aid

Amrok 50 N buoyancy aid

Buoyancy aid designed for a variety of uses, from kayaking to sailing.
Comfortable, ergonomic and easy to wear thanks to front zip.
Easy to put on and use with front entry zip, crutch strap attachment and a front zip chest pocket.
High on chest with wide arm holes for maximum freedom of movement.

- EPE foam.
- Fully adjustable waist webbing straps.
- Concealed shoulder adjustment rings.
- Elasticated side panels.
- Front entry YKK® zip with locking slider.
- Dual crutch strap.
- Retro-reflective tapes on the back.

Weight	Size	Blue	Red	Chest size cm	Chest size in	Buoyancy
30-50 kg	XS/S	**68982**	**68979**	71-91	28-36	40 N
50-70 kg	M/L	**68983**	**68980**	91-111	36-44	45 N
+ 70 kg	XL/XXL	**68984**	**68981**	111-127	44-50	50 N



Circuit breaker ring

Solva ski 50 N buoyancy aid

Buoyancy aid designed for waterski, jetski or wakeboard.
Combines impact protection, ergonomy and comfort.

- High impact-resistant foam.
- 4-strap adjustment with buckle closure system.
- Soft and resistant fabric.

Weight	Size	Ref.	Chest size cm	Chest size in	Buoyancy
30-50 kg	XS/S	**68985**	71-91	28-36	45 N
50-70 kg	M/L	**68986**	91-111	36-44	60 N
+ 70 kg	XL/XXL	**68987**	111-127	44-50	70 N

TYPHOON

Chesil 50 N buoyancy aid

Buoyancy aids designed for active and speedy practices: dinghy, catamaran, kitesurf… Model that combines an ergonomic short cut and an optimal design in terms of safety.

50 N
EN ISO 12402-5

CE

Designed for dinghy sailing

- Highly flexible and impact resistant PVC foam / ripstop fabric, very resistant.
- Short cut and wide armholes for freedom of movement.
- YKK® side zip closure with slider protection.
- Multiple adjustment points for optimal fit (adjustable waistband, stretchy shoulder straps, side adjustment loops).
- Large retroreflective strip on pocket flap.
- Retroreflective piping on front and back.
- Mesh drainage strips on back.
- Large stretch mesh front pocket.
- Compatible with trapeze belts and kite/board harnesses.

Weight	Size	Reference	Chest size		Buoyancy
			cm	pouces	
40-60 kg	S-M	**68988**	85-95 cm	34-38	40N
60-70 kg	M/L	**68989**	95-105 cm	38-42	45N
+ 70 kg	XL	**68990**	105-115 cm	42-45	50N

Olympia 50 N buoyancy aid

Buoyancy aids for seaside, lake or river activities.

- Buoyancy floats : 1 block in front, 2 blocks in back.
- Adjustable waist belt with plastic buckle.
- Drawstring at hem and neck.
- Wide elasticated armholes to fit all body types.

Weight	Size	Reference
30-50 kg	S	**63688**
50-60 kg	M	**63689**
60-70 kg	M	**63690**
70-90 kg	L	**63691**
+ 90 kg	XL	**63692**

CE

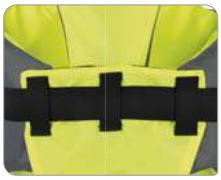
50 N
EN ISO 12402-5

Children's lifejackets

DESIGNED BY PLASTIMO

These foam lifejackets are an all-rounder model for children, perfectly fitted for them. With a 100N certification, its self-righting capacity keeps the child's head well out of the water.

V-shaped back for an improved freedom of movement.



Crutch strap in the shape of a "panty" on models up to 15 kg.

Foam buoyancy lifejacket designed for **children up to 40 kg**, featuring all the safety essentials for your young crew to enjoy boating and seashore activities.

CE

Children's lifejacket

- Poyethylen foam providing buoyancy and impact protection.
- Superior buoyancy to the standard requirement.
- Large roll-around collar which ensures the head support out of the water.
- High visibilty : vibrant colours and reflective tapes.
- Easy to don, zip closure and adjustment strap with plastic buckle.
- Crutch strap : prevents lifejacket from riding up when the child is in the water.

Child's weight	Age (as a guide only)	Orange	Yellow
3 to 8 kg	Baby 0-2 ans	**71018***	**71022***
8 to 15 kg	Children 1-5 ans	**71019***	**71023***
15 to 30 kg	Children 4-10 ans	**71020**	**71024**
30 to 40 kg	Children 8-12 ans	**71021**	**71025**

* « Pant » shape on small sizes.

The child's weight is considered by the regulation as the criteria serving as a basis for buoyancy per size.

Therefore, we indicate the age as a guide only : it is imperative that the child tries on the lifejacket before purchase.

Inflatable or traditional foam lifejacket ?
For a very young child, a foam lifejacket has extra benefits : it is most welcome when your young crew wants to take a swim or play in the water around the boat. In addition, it comes as a nice protection shell as the child is "bundled up" and avoids some hard knocks thanks to the lifejacket.

Typhon & Baby Lifejackets

- Ensures the self-righting capacity and keeps the head out of the water.
- Large collar for a better head support.
- High visibility.
- Crutch strap.
- Grab loop and whistle.

Model	Child's weight	Age (as a guide only)	Closure	Spec.	Yellow with patern	Orange
A	3 to 10 kg	1-2 years	Zip and adjustment straps	-	**67829**	**58614**
	10 to 20 kg	2-5 years			**67830**	**58615**
	20 to 30 kg	5-8 years			**57831**	**58616**
B	3 to 8 kg	0-2 years	Adjustment straps	• 2-parts front floats • « Pant » type crotch strap	-	**63743**
	8 to 15 kg	1-5 years			-	**63744**
	15 to 30 kg	4-10 years			-	**63745**
	30 to 40 kg	8-12 years			-	**63746**

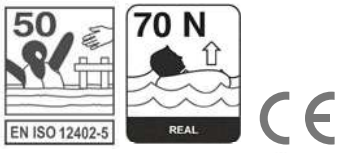
A - Typhon

B - Baby

Buoyancy aids for clubs & sailing schools

Designed for intensive use (dinghy, catamaran, canoe and kayak, Stand Up Paddle) reinforced where wear and chafe are critical.

Club Master



Weight	Size	Colour webbing straps	CLUB MASTER
30-40 kg	S	Blue	**63938**
40-60 kg	M	Grey	**63939**
60-80 kg	L	Black	**63940**
+ 80 kg	XL	Red	**63941**

Club Master

	CLUB MASTER
Buoyancy	Polyethylene foam buoyancy.
Durability	Outer shell in coated polyester for optimum durability.
Fastening & body fit	2 adjustable straps + buckles. Waist belt concealed in a tunnel, to reduce the risk of snagging. Drawstring tightening at hem. Crutch strap.
Comfort	Wide elasticated armholes. One-block buoyancy floats (back + front).
Visibility	Vibrant red outer shell. Retro-reflecting tapes on XS model.
Other features	Whistle. Colour scheme on webbing size for size identification.

Club Master, XS size (child < 30 kg) :

100 N type model with self-righting capacity, features a wrap-around collar and retro-reflective tapes.

Weight max	Size	CLUB MASTER
30 kg (5-6 yrs)	XS	**63937** with collar

Sailing schools and kayak clubs must check lifejackets and buoyancy aids at regular intervals.

Regular care consists in rinsing in fresh water after use, and drying away from direct sunlight.

An annual inspection consists in a buoyancy test and a visual control of the various components (webbing, cover, sewing, buckles and zip).

Lifejackets & buoyancy aids

For cruising, 100 N lifejackets appear to us as the minimal "reasonable" personal safety equipment. It is only from the 100 N category onwards that a lifejacket is fitted with signalling equipment and that it has a self-righting ability (i.e. it is designed to turn most wearers face up, even unconscious). This is also the reason why children's lifejackets (wearer 30 kg max.) exist only as from the 100 N category.

CE

Performance & features	150 N category 150 EN ISO 12402-3	100 N category 100 EN ISO 12402-4
Self-righting capacity	✔	✔
Polyethylene foam buoyancy	✔	✔
Orange outer shell, 100 % polyester	✔	✔
Double crutchstrap, adjustable	✔	-
Grab handle	✔	-
Retro-reflecting tapes	✔ 300 cm^2	✔ 100 cm^2
Whistle	✔	✔

SOLAS

Lifejacket equipped with W3 compact flashlight.
Ultra-luminous lifejacket LED flashlight.
The light activates automatically when in water and can be turned off manually.
- Battery: Lithium.
- Light output : 0.75 candela.
- Light run time: 8 hours.
- Dim.: H 26.9 x L 55.9 x W 37.8 mm.

150 N

100 N

Typhoon

Zip closure, hem tightening drawstring and adjustable waist belt with plastic buckle. Comfort : 3-block ergonomic collar.

Weight	Size	TYPHOON 150 N		TYPHOON 100 N
		Without light	With light	Without light
30-50 kg	S	**61087**	**61625**	**61091**
50-70 kg	M	**61088**	**61626**	**61092**
70-90 kg	L	**61089**	**61622**	**61093**
+ 90 kg	XL	**61090**	**61627**	**61094**

150 N

100 N

Storm

Features a single floatation block for chest/neck/head.
Fastened with round-the-waist cord.

Weight	Size	STORM 150 N		STORM 100 N	
		Without light*	With light	Without light*	With light
40-50 kg	S	**58352**	**58355**	**58358**	**58361**
50-70 kg	M	**58353**	**58356**	**58359**	**58362**
+ 70 kg	L	**58354**	**58357**	**58360**	**58363**

* With attachment loop for light.

Storm 50 N buoyancy aid

Basic buoyancy aid fastened with round-the-waist cord.

- Buoyancy provided by polyethylene foam.
- 100 % polyester outer shell.

Does not self-right and does not carry reflecting tapes.

Weight	Size	STORM 50 N
40-50 kg	S	**63739**
50-70 kg	M	**63740**
+ 70 kg	L - XL	**63741**

Pack of 100 N- Storm lifejackets

- **Pack 4 : 60909**
- **Pack 6 : 60910**

Pack of Storm lifejackets in PVC storage bag.
Zip fastener and mesh for ventilation.
Brassières taille L/XL (réf. 58360)

Bag sold empty.

Hook and buoyancy aids sold separately.

Holdall bag for lifejackets

62338

Holdall bag in PVC coated polyester with rigid reinforced base.
Zip closure. Features 2 interior compartments in mesh fabric to store the buoyancy aids and the safety equipments.
2 carrying handles. 2 velcro bands for hook and 1 external pouch in PVC crystal for the safety list or other document.
Dimensions : 65 x 50 x 35 cm (L x W x H) ; Capacity : 110 L.

Dog flotation vests

Flotation ensured by soft closed cell foam.

- Closure and adjustments :
  2 straps with quick buckles on the body.
  Strap with buckle and hook and loop at the neck.
- Retro-reflective bands.
- D-ring to fix a leash.
- Lifting handle.

S model is also suitable for cats.

Size	Ref.	Neck girth	Vest length	Max chest girth
S	**70596**	25-30 cm	23 cm	45 cm
M	**70597**	30-40 cm	30 cm	56 cm
L	**70598**	40-55 cm	36 cm	63 cm
XL	**70599**	55-65 cm	41 cm	74 cm

SOLAS lifejacket

The ship owner has the obligation to make sure that the safety equipment on board complies with the regulation of the country in which the boat is registered.

SOLAS

Lifejacket designed for use on board **fishing and commercial boats, recreational or passenger vessels above 25 metres.**

Complies with directive MED 96/98/EC related to marine equipment.

Baby

Child

Adult

- Certified in 150 N category.
- Buoyancy provided by polyethylene foam.
- SOLAS retro-reflective tapes on collar, chest and sides : 315 cm² on Baby and Child models, 400 cm² on Adult model, i.e. 1/3 above the 300 cm² regulation requirement.
- ISO 12402-8 whistle.
- Floating safety line with hook neatly folded in bespoke pocket.
- Grab loop in polypropylene webbing.
- Waist fastening with composite plastic buckle and toggle below chin for good body fit.

Size – Weight	Model	Ref.	Real buoyancy
Baby < 15 kg	With flashlight	**66902**	78 N
	No flashlight	**66325****	
Child 15-43 kg	With flashlight	**66903**	97 N
	No flashlight	**66326****	
Adult* > 43 kg	With flashlight	**66904**	170 N
	No flashlight	**66327****	

*Adult model designed for body weight 43 to approx. 150 kg, with waistline 175 cm max.

****Flashlight is mandatory** : do not forget to order it.
See our choice of flashlights on page 35.

Storage on board

Space-saving storage : lifejackets just stack naturally or line up vertically with no loss of space.

Model	Dimensions A x B x C	Volume	Weight Without / With flashlight
Baby < 15 kg	340 x 250 x 100 mm	9.10 dm³	380 / 430 g
Child 15-43 kg	430 x 250 x 100 mm	11.44 dm³	470 / 520 g
Adult > 43 kg	590 x 310 x 100 mm	19.80 dm³	680 / 734 g

Typhoon Navy lifejacket

150
EN ISO 12402-3

CE

Designed for **intensive professional use**.
Customise your lifejacket to suit your specific activity
or mission : MOLLE® type attachment webbing upgrades lifejacket into a modular equipment with pouches for various size and shape accessories.

65218

Illustrated with optional pouches

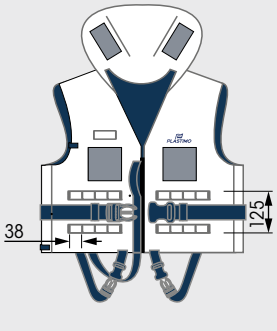
63557

All our lifejackets can be customised to meet your requirements. Please contact our sales office for any specific request.

MADE BY PLASTIMO

- 150 N buoyancy from polyethylene foam.
- 600 D polyester outer shell for high grade wear and tear resistance.
- Closing and body fit : zip, adjustable waist belt with buckle, tightening string at hem. Double crutch strap.
- Comfort : ergonomic 3-section head support collar.
- Visibility : 300 cm² retro-reflecting stripes.
- Grab loop.

Weight	Size	With flashlight	No flashlight
30-50 kg	S	**65216**	**63557**
50-70 kg	M	**65217**	**63558**
70-90 kg	L	**65218**	**63559**
+ 90 kg	XL	**65219**	**63560**



Molle®* system is a pouch attachment grid of webbing sewn onto the lifejacket.
- 2 rows of Molle® webbing on size S
- 4 rows of Molle® webbing on sizes M, L and XL.

*Modular Lightweight Load-carrying Equipment

Extra add-on accessories available on request : signalling mirror, 2 fastening lines, dye marker sachet, lightsticks...

Options & Accessories

Pouches :
- Small : ***63565***
  10 x 10 cm
- Medium, vertical : ***63566***
  10 x 19 cm
- Medium, horizontal : ***63567***
  17 x 10 cm
- Large : ***63568***
  17 x 19 cm

Automatic flashlight :
56 x 38 x 27 mm (L x W x H)
- Activated by direct contact in water : ***60833***

Safety harnesses

Try your harness on

A safety harness is a personal piece of equipment : the straps must be perfectly adjusted to your body size. Try it on, adjust it, get to recognise every strap. If you wear your harness with an inflatable lifejacket, the harness must be worn under the lifejacket.

Keep your harness in good condition

A safety harness is a fundamental piece of equipment for your safety : as opposed to a lifejacket, on which buoyancy can be tested and possible ageing signs are visible, a harness can loose some of its original qualities without there being any visible signs.

- Rinse it with fresh water after use.
- Check the seams regularly.
- Never store it in a damp locker.
- Discard and replace systematically a harness showing evidence of wear and tear or a harness which has been submitted to tension.
  We recommend that racers should replace their harness every year, in view of their intensive use and exposure to UV-rays.
- Never use a harness for any other purpose than the one which it is designed for.

Double adjustable harness

66829

X-shaped back : quick and easy adjustment.

Ergonomic double adjustable safety harness. Quick and easy adjustment : simultaneous on waistband and shoulder straps.
X-shaped back for added comfort and freedom of movement.
When harness is tight-fitted, the excess strap length is neatly rolled on waistband with velcro. Once worn, you don't feel it.
Bi-colour black and neon green for increased visibility. Attachment point for tether : textile loop with sewn retro-reflective thread to optimize visibility at night.

- ISO12401 certified.
- World Sailing - OSR compliant.
- Textile loop resistance : 2 000 DaN – 2 040 kg.
- Chest size min/max : 80-130 cm (20 kg min.).
- Wide strap : 45 mm.
- Weight : 250 g.
- Supplied in a mesh bag.

With optimized adjustable system, this harness fits all body types including junior size as from 20 kg.

MADE BY PLASTIMO

Simple adjustable harness

66830

Adjustable waistband safety harness. Attachment point for tether : textile loop with sewn retro-reflective thread to optimize visibility at night.

- ISO12401 certified.
- World Sailing - OSR compliant.
- Textile loop resistance : 2 000 DaN – 2 040 kg.
- Chest size min/max : 80-120 cm.
- Wide strap : 45 mm.
- Weight : 250 g.
- Supplied in a mesh bag.

Simple adjustable harness & tether pack

- Harness & 1 st. steel safety hook : **67037**
- Harness & 2 st. steel safety hooks : **67038**

J.M. Liot ©

Plastimo-SNSM* tether

World Sailing – OSR compliant

ISO 12401

Sharing the same commitment to safety at sea, Plastimo innovates with SNSM*

3-hook tether SNSM*-Plastimo

67494

When developing a new product, Plastimo systematically teams with experts for extra technical input and live experience. In the case of a harness tether, whose advice could be more relevant than the national search and rescue squads ?
So Plastimo was proud and thrilled when the French National Lifeboat & Lifeguard Society (SNSM) asked our R & D teams to co-develop and manufacture the tether that rescue teams will use in their mission : a technical and really innovative product stemmed from this cooperation.
This tether is **now available to all sailors**.

- One-piece tether : while tethers are traditionally constructed from two webbing pieces, the Plastimo-SNSM model is built from one single webbing strap. This exclusive design provides optimum safety and added performance feature.
- Flexible tether includes a sewn-in retro-reflective thread to optimize visibility at night.
- Double safety aluminum hooks with anti-slip-grip treatment : a yellow hook secured to the harness and two orange hooks connected to the jackline or fixed point on the boat. Orange hooks feature an additional protection against rubbing and chafing through a hard-anodizing process.
- **One short straight strand 100 cm, one long elastic strand 110-175 cm.**
- Two strain indicators : when the tether is submitted to a heavy load, the strain indicator exposes a label indicating that the tether should be replaced.
- Supplied in a mesh bag.
- Breaking strain : 1650 kg.
- Weight : 570 g.

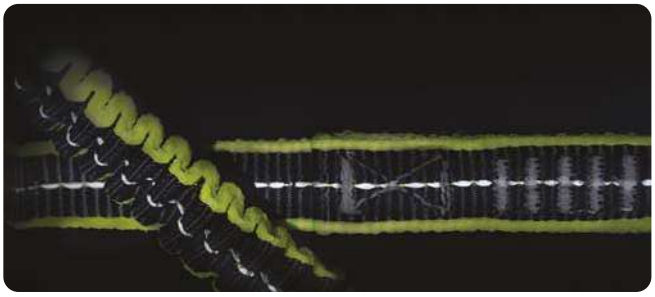
*French National Lifeboat & Lifeguard Society

Discover the Plastimo tether assortment
www.plastimo.com

With three different kinds of hooks combined with flat, elastic or double tethers, the Plastimo range offers 12 possible combinations, meeting all sailors' needs.

Tethers

A tether is the indispensable accessory which makes an inflatable lifejacket a fully featured safety equipment. Provided of course, that you have originally selected a lifejacket with integrated harness : the only version providing the adequate resistance and featuring a loop for the tether. All the Plastimo tethers are equipped with automatic closing safety hooks to prevent accidental opening. Polyester flexible tethers with retro-reflective thread to optimize visibility at night. Flat, elastic or double – 23 mm width – version. Strain indicator. ISO12401 certified. Supplied in a mesh bag.



Retro-reflective thread

Charge indicator

When the tether is submitted to heavy load (ex. man over board), the strain indicator exposes a label indicating that tether should be replaced.

St. steel safety hook

Double safety.
Opening : 14.5 mm.
Weight : 145 g.

Aluminium safety hook with ferrule

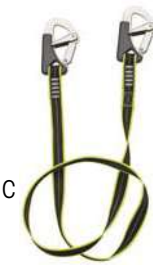
Easy opening and closing through the ferrule.
Lightweight and compact.
Opening : 20 mm.
Weight : 100 g.

Premium aluminium safety hook

Robust safety hook with safety bar. Superfast opening and closing in a single action.
Opening : 22 mm.
Weight : 130 g

		St. steel safety hook			Aluminium safety hook with ferrule			Premium aluminium safety hook			Tether length
			Ref.	Weight		Ref.	Weight		Ref.	Weight	
Flat tethers	1 safety hook	A	**66834**	215 g	B	**66833**	175 g	-		-	1.5 m
	2 safety hooks	C	**66838**	345 g	D	**66837**	275 g				
Elastic tethers	1 safety hook	E	**66836**	225 g	F	**66835**	185 g	G	**66866**	215 g	1 m extends to 1.5 m
	2 safety hooks	H	**66840**	355 g	I	**66839**	285 g	J	**66867**	340 g	1 m extends to 1.5 m
Double tethers*	3 safety hooks	K	**66865**	550 g		-		L	**66842**	515 g	1 m flat line + 1 m extends to 1.5 m*

* World Sailing – OSR compliant.



MADE BY PLASTIMO

Included in the Figaro Bénéteau 3 safety pack.

World Sailing – OSR compliant

Jacklines

Being made of fibres, jackline webbing is subject to ageing – even with no visible signs – due to UV-rays, sea water and temperature. Ideally, jacklines should be taken down, rinsed and stored in a dry place for wintering. Still, we strongly recommend to replace them regularly ; to be more specific, jacklines must be replaced after a cumulated period of 2 years of outdoor exposure.

Jackline with retro-reflective thread.

Retro-reflective strap jacklines

Ultra-flat polyester webbing, 26 mm wide. Retro-reflective thread optimizes visibility at night. Fixing loops. Breaking strain 2 400 DaN (2 450 kg).

Label on the jackline to write the date of the first use.

Sold by the pair, shackle not included.

Length	White, retro-reflective thread
6 m	**66984**
7 m	**66985**
8 m	**66986**
9 m	**66987**
10 m	**66988**
12 m	**66989**
14 m	**66990**

Sold by the pair, shackle not included.

Classic strap jacklines

Ultra-flat polyester webbing, 30 mm wide. Breaking strain 2 000 DaN (2 040 kg).

Length	White	Yellow
6 m	**39447**	**36214**
7 m	**39448**	**36215**
8 m	**39449**	**36216**
9 m	**39450**	**36217**
10 m	**39451**	**36218**
12 m	**66982**	**66981**
14 m	**66983**	**62102**

Man over board

RESCUE

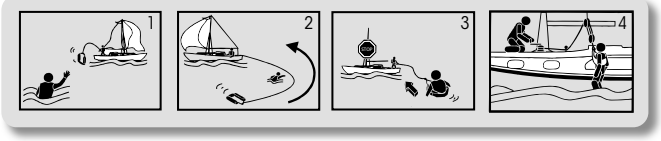
The Rescue range consists of 4 products designed to contribute to the recovery of a man overboard.

Once the product is deployed, the boat simply circles the casualty so that he/she can grab the buoy without swimming and can then be pulled back to the boat.

Rescue Sling, Rescue Buoy and Rescue Buoy offer an extra safety feature : the retrieval line is coiled on a reel. This avoids the line getting entangled and allows a swift and reliable repacking.

This extremely simple procedure also allows the crew to drill and get acquainted with the product, therefore more confident in the rescue process.

Performance / Product	To rescue team / haul in	Providing buoyancy	Hoisting casualty back aboard
Rescue Line	✔	-	-
Rescue Buoy	✔	145 N	-
Rescue Ring	✔	155 N	-
Rescue Sling	✔	95 N	✔



The clever and exclusive spool system offers a definite safety plus, as it prevents the line from getting entangled. Besides, it allows a swift and easy "repacking" procedure : another good reason to urge the skipper to drill the crew.

Rescue Sling®

- **Yellow : 27027**
- **White : 35713**

Complete rescue gear, which delivers flotation to the victim and provides a means to hoist the person back aboard (with the help of a lifting tackle or halyard winch if necessary).
The clever and exclusive design of the Rescue Sling consists in the retrieval line which is coiled on a reel: this avoids the line tangling or fouling, and makes the Rescue Sling the most efficient man over board recovery gear.

- Buoyancy of flotation belt : 98 N.
- 40 m of floating line.
- Storage bag with clips for rail attachment.
- Dimensions : height 50 cm, width 30 cm, thickness 20 cm.
- Weight : 1.7 kg.
- Breaking strain of line : 400 kg.
- Breaking strain of flotation belt : 700 kg.

Accessories

- ***Flashlight : 2263071***
- ***Spare cover***
  Yellow : 38153
  White : 38151

PLASTIMO

World Sailing - OSR compliant.

Rescue Line®

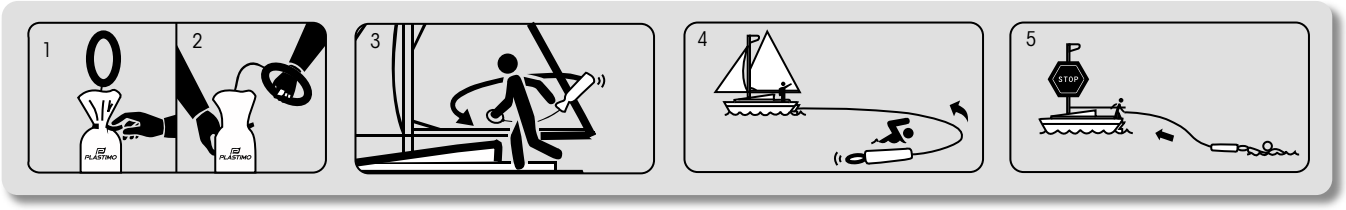
27020

Throw bag heaving line, very simple to operate : a 20 m retrieval line stowed in a bag, allowing to connect the survivor to the boat.
Equally useful in many circumstances, such as getting a line to a dock, and also in many river leisure activities, such as canoeing, rafting, etc.
The Rescue Line is weighted, so that it can be thrown with accuracy at a reasonable distance, even against strong winds. It features a grab loop at both ends, enabling both the rescuer and the survivor to remain attached to the line.

- 20 m floating line (Ø 7.5 mm*).
- Bright yellow colour for good visibility.
- Weight : 500 g.
- Breaking strain of line : 400 kg.

Accessories

- ***St. steel basket for Rescue Line : 30766***
  For pulpit mounting.
  Designed for tube Ø 18.5 to 25.5 mm.
- ***Spare bag : 28367***



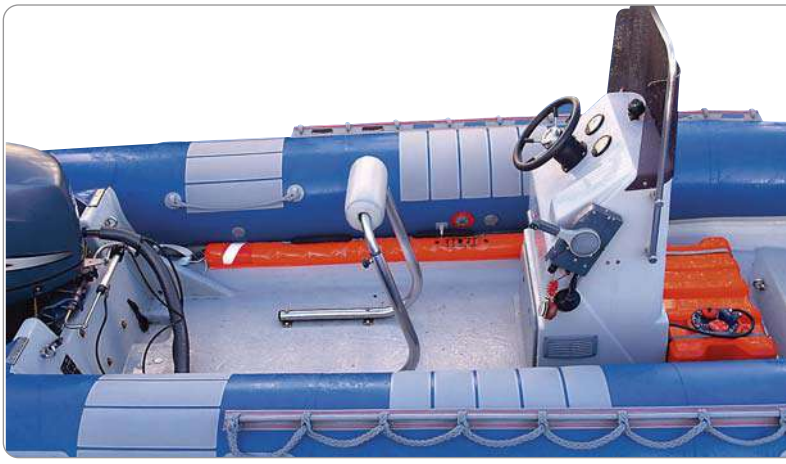
Silzig MOB buoy/harness

65559

Complete rescue gear : bridges casualty to the boat, provides buoyancy and helps hoisting casualty back aboard.
Quick set-up, ideal in the event of a man over board.

- Buoyancy 142.2 N.
- Cylindrical buoy is hydrodynamic and makes hauling easier.
- Length 200 cm, interior diameter 8 cm.
- Harness-webbing on full length, with 40 mm polyester loop at one end and a Wichard hook at the other end.
- Outside cover in 650 g/m² coated polyester.
- 2 rigid handles (50 mm tubular polyester webbing) facilitate grabbing by onboard crew to hoist casualty back on board.
- Weight : 1.5 kg.

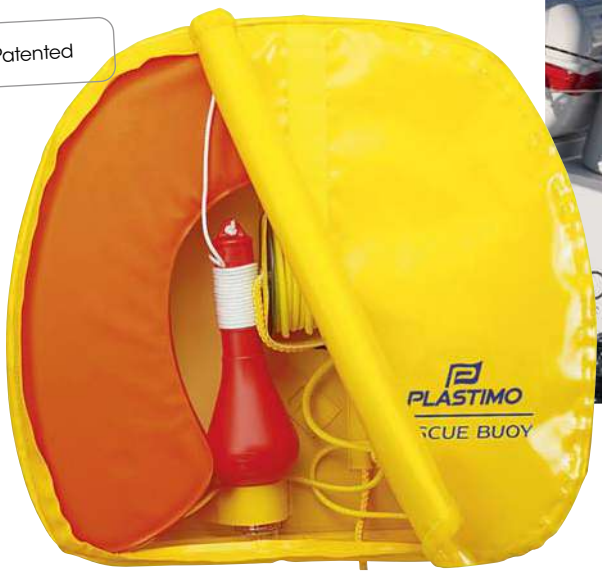
Slim, flexible and compact, easy to store on board : always close at hand and ready for use,
Silzig fits ideally along the guardrail, on the transom or neatly inside a RIB along tube and floor.



Horseshoe buoys

© Th.Martinez/Sea&Co.

Patented



RESCUE BUOY	Yellow cover	White cover
With floating light	**27023**	**35716**
Without light	**27022**	**35717**

Rescue Buoy®

Simple and ingenious, the Plastimo Rescue Buoy represents a simple but major breakthrough in the array of man overboard recovery aids.
The principle is extremely simple : attach permanently a regular horseshoe buoy to a properly coiled lifeline ; when the buoy is thrown, the line pays out quickly, without tangling or fouling.

- Horseshoe lifebuoy, 147 N buoyancy.
- 40 m of yellow floating retrieval line.
- Coated fabric storage bag, impervious to UV-rays, fitted with clips for attachment to pulpit.
- Breaking strain of line : 400 kg.
- Dimensions : height : 60 cm, width : 65 cm, thickness : 14 cm.
- Weight : 2.3 kg without light.

Options & Accessories

- ***Floating light 57718***
  Fixed light, without bracket

- ***Spare cover / storage bag***
  Yellow : 27949
  White : 35719
- ***Cover set (incl. cover, reel and retrieval line)***
  Yellow : 27026
  White : 35721
  Converts your existing regular Plastimo horseshoe buoy into a Rescue Buoy.

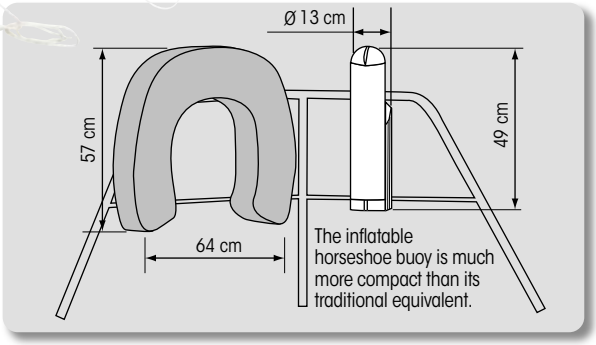
Inflatable horseshoe buoy

The inflatable horseshoe buoy is composed of 2 different elements :
- holder fixed on the boat's pushpit ;
- ABS canister containing the horseshoe buoy.
The canister is attached to the holder by a lanyard.
In the event of a man overboard, throw the canister towards the victim.
Deployment will occur when lanyard is fully tensioned and releases the buoy (which is no longer fixed to the support).
The canister floats, attached to the buoy.

	Yellow	White	Weight
Without light	**64887**	**65018**	1.160 kg
With light and whistle	**64888**	**65019**	1.220 kg

- **Buoy**
  Yellow nylon, polyurethane coated.
  Buoyancy : 150N
  Supplied with grabline and drogue.
- **Canister** : ABS plastic.

65018 64888



Options & Accessories

- ***33 g gas cylinder : 40199***
- ***Spare flashlight : 62058***

- ***Rail mounting kit 415010***
  For optimal mounting, use 2 mounting kits.

Horseshoe buoy with removable cover

Polyethylene foam provides 147 N buoyancy.

PVC coated fabric cover, high resistance and washable.

Zip closure.

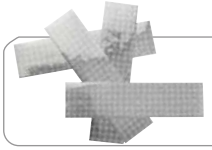
Wide opening, fits most body sizes.

Comes complete with lifeline and polyamide hook.

Complete buoy set includes a horseshoe buoy, a fixed light and a stainless steel bracket.

Colour	Buoy set	Buoy only*	Complies with	Dimensions	*Spare cover*
Orange	**63751**	**63750**	French recreational boating standards - Division 240	Height 53 cm, width 62 cm, thickness 11 cm	***63752***
Yellow	**63465**	**63457**			***63578***
White	**63754**	**63753**	–		***63755***

* Can be converted to a Rescue Buoy using kit 27026 (yellow cover) or 35721 (white cover). See page 52.



Accessory

- ***Adhesive reflecting stripes : 60906***
  4 stripes, 20 cm long x 5 cm wide

SOLAS

Buoy racks

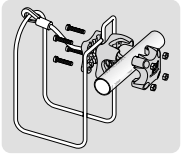
Rack for horseshoe buoy

37800

Composed of :

- 1 Plasticlip, to be adapted on any tube Ø 18.5 to 25.5 mm.
- 1 stainless steel rack for horseshoe buoy (max. thickness 10.5 cm).
- 1 shock cord + plastic snap shackle to secure the buoy.

Supplied with screws and nuts.



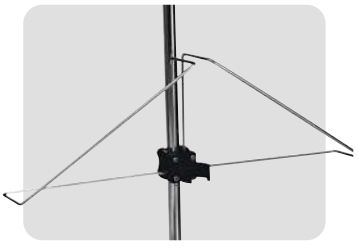
Rack for horseshoe buoy + light

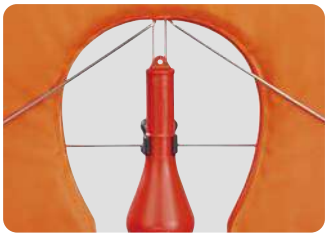
31437

Composed of :

- 1 Plasticlip, to be adapted on any tube Ø 18.5 to 25.5 mm. Specific clip designed to hold a floating light.
- 1 stainless steel rack for horseshoe buoy (max. thickness 10.5 cm).

Supplied with screws and nuts.





Ring lifebuoys

J-M LIOT ©

Courtesy of Protection Civile de Paris 12eme

61968 & 61970

SOLAS
RINA 0474

SOLAS ring lifebuoys

- Feature 4 retro-reflecting tapes and a 3 m grabline.
- Polyethylene outer structure, filled with polyurethane foam.
- Stowage height : anywhere up to 30 m above the waterline.

61969

61967

Ext. Ø	Ref.	Description	Int. Ø	Height	Weight	Buoyancy
61 cm	**61967**	Without throwing line.	41 cm	13.50 cm	2.7 kg	145 N
73 cm	**61968**	Without throwing line.	44 cm	10.50 cm	3 kg	144 N
73 cm	**61970**	With 30 m throwing line, Ø 8 mm floating polypropylene.	44 cm	10.50 cm	3.5 kg	144 N
73 cm	**61969**	Heavier buoy without throwing line, to be used with a specific light designed for commercial vessels.	44 cm	10.50 cm	4.6 kg	140 N

Accessories

Ring buoy rack
37832

Includes :
- *1 Plasticlip to be adapted on any stanchion or pulpit Ø 18.5 to 25.5 mm.*
- *1 stainless steel rack to hold the ring buoy.*
- *1 shock cord + plastic snap shackle to secure the buoy.*

Supplied with screws and nuts.

Compact LED-type lithium lifebuoy light
64047

Ultra-compact floating LED-type flash lifebuoy light. Activated automatically when the light is pulled from its housing. Powered by lithium battery (5-year run time), no maintenance or remplacement battery required. Rated among the smallest and lightest lights on the market.
- *Duration : 2 hours minimum.*
- *Output : 2 candela minimum.*
- *Weight : 91 g (light only), 115 g (light and holder).*
- *Dimensions : light only 75 x 78 mm (Ø x H). light with holder 86 x 97 mm.*
- *Supplied with polypropylene holder and 1 m lanyard to attach to lifebuoy.*

Throwing line

Floating polypropylene, compliant.

Description	*Colour*	*Ref.*
Length 30 m, Ø 8 mm	*Orange*	***43767***
	White	***53134***

Rescue Ring®

35926

Set of products complying with SOLAS standard :
- 1 ring lifebuoy (61968), 144 N buoyancy.
- 1 floating light (196482).
- 30 m of yellow floating retrieval line, , polyethylene Ø 9 mm.

Cleverly packed in a yellow coated fabric storage bag, impervious to UV-rays, and fitted with clips for attachment to pulpit.
Dimensions : D 750 mm x Th. 110 mm.

Options & Accessories

- ***SOLAS floating light : 196482***
- ***Spare cover/storage bag : 35927***
- ***Package : cover + reel + retrieval line 35928***
  Converts your existing ring buoy into a Rescue Ring.

Ring lifebuoy containers

Container provides protection and easy spotting of ring lifebuoys by beaches, lakes, rivers or jetties... Made from polyethylene. Wall, pole or tube mounting.

75 x 85 cm ring lifebuoy container

Dimensions (H x W x D) : 75 x 85 x 26.5 cm

62241

62240

Model	Ref.	Description
Container alone	**62241**	-
Container with lifebuoy	**62240**	Lifebuoy Ø 73 cm (Ref. 61968) + throwing line (Ref. 43767).

90 x 90 cm container with door

64204

Designed for Ø 61/63 or 73/75 cm ring buoy.

Features a transparent round opening to check the presence of the buoy.

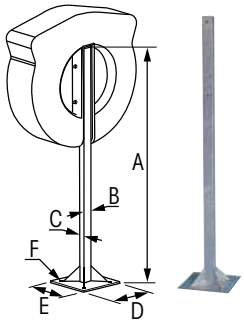
Dimensions :
90 x 90 x 28 cm (H x W x depth).

Container supplied empty.

Buoy must be ordered separately.

Spare handle : **68757**.

Mounting kits



Pole

Ref.	*Height (A)*	*Section (B x C)*	*Base (D x E)*	*F (Drilling)*
40213	*1.5 m*	*60 x 40 mm*	*30 x 30 cm*	*Ø 1.2 cm*
59037	*2 m*	*100 x 50 mm*	*30 x 30 cm*	*Ø 1.2 cm*

Rail mounting kit
Galvanized steel.

Ref.	*For rail*
59038	*Ø 4.5 cm*
40214	*Ø 6 cm*

Wall mounting kit 59039
Bolts + screws.

IOR dan buoys

World Sailing regulations require the "marking of a man overboard for yachts sailing offshore".

Inflatable IOR dan buoy

Inflatable IOR dan buoy

MOB pole for crew-overboard visibility, provides 150 N buoyancy.

- **Yellow canister : 63455**
- **White canister: 61073**

MADE BY PLASTIMO

Dan buoy pole
Yellow nylon, polyurethane coated.
Height above water (inflated pole) : 1.98 m.

Features :

- adjustable webbing sling seat for man-over-board to rest on,
- grab handle,
- 0.75 cd automatically activated light, 8-hour battery life,
- red and yellow flag (32 x 20 cm),
- retro-reflective tapes (200 cm²),
- signalling whistle,
- rigid ballast with V-shaped batten structure, acting like a keel for optimum stability,
- drogue anchor (28 x 28 cm) to help resist drifting.

Canister

- Torpedo-shaped canister in ABS plastic, height 49 cm x Ø 13 cm.
- Weight : 3.8 kg.
- Optional pushpit fixing kit.

World Sailing - OSR compliant

Mounting the canister and deploying the IOR dan buoy :

The ABS case containing the IOR dan buoy is positioned on the boat's pushpit (optional kit: 415010).
The canister is attached to the holder by a lanyard.
In the event of a man overboard, throw the canister towards the victim.
Deployment will occur when lanyard is fully tensioned.
(which is no longer connected to the support).
The case floats, attached to the buoy.

Options & Accessories

• ***Stern rail mounting kit : 415010***
For optimal mounting, provide 2 mounting kits.

• ***Gas re-arming kit : 50374***
60 g gas cylinder

• ***Light replacement kit : 63456***
0.75 cd light + mounting accessories for dan buoys 40203, 177788, 63455 and 61073

• ***Canister alone :***
White : 52240
Yellow : 53417
For dan buoys ref. : 40203, 177788, 63455 and 61073

Checking and servicing your inflatable dan buoy or lifebuoy

To ensure that your inflatable dan buoy or lifebuoy is fully operational when needed, we strongly recommend that you check them and have them serviced at regular intervals.

- Before putting off to sea, you can easily inspect their general condition visually, by checking the main components (container, inflatable chamber, retro-reflecting tapes, CO_2 gas cylinder– check that the cylinder is tightly screwed –, firing head, safety light – check the date of the light –). Replace the re-arming kit if necessary.
- A complete servicing session conducted at regular intervals includes includes checking the inflation system and the airtightness of the chamber.

Plastimo recommends to have one spare kit for each dan buoy and lifebuoy on board.

World Sailing - OSR 4.22 : Man overboard.

The complete equipment of a boat includes 2 lifebuoys equipped with :

- 1 whistle (ref. 52937)
- 1 floating anchor (ref. 25354)
- 1 self-igniting light (ref. 2263071)
- 1 bag of fluorescein (ref. 38861)
- One reflective material (ref. 60906)

One of the buoys must include an IOR pole with flag. The pole must be permanently deployed or be capable of automatic deployment.

At least one of the two buoys must have permanent buoyancy.

Rigid IOR dan buoys

World Sailing - OSR compliant

Telescopic IOR dan buoy

• **Orange float : 55664**

Ergonomic design and superior stability.

Complies with the racing regulations.

Features :

- 1 fibreglass telescopic dan buoy with 1/4 twist fastening.
- 1 ergonomic and shockproof cylindrical PVC floatation buoy (height 360 mm, Ø 180 mm/80 mm).
- 1 man-over-board red and yellow flag 480 x 330 mm.
- 4 m of floating rope to attach to a lifebuoy.
- 1built-in stainles steel ballast.
- 1clip and lanyard to keep the flag rolled up.

To obtain a dan buoy with light, simply add the optional light kit. When fitted, light is situated 2.30 m above the waterline. Powered by a 9 V battery.

When the dan buoy is thrown into the water, the lanyard detaches the clip from the light, which then activates automatically the light.

To fit the light to the dan buoy, simply push the bayonet fitting into the top of the dan buoy.

Height extended	Height telescoped	Height above water
3.52 m (3.64 m with optional light kit)	1.95 m (2.07 m with optional light)	2.30 m (2.42 m with optional light)

56397

Options & Accessories

- ***Telescopic dan buoy holder : 56397***
316L stainless steel, totally maintenance-free. Fits easily on Ø 18.5 to 25.5 mm pushpits or backstays. Spare clip alone (x1) : 37030
- ***Fixed light kit : 16205*** *(battery not incl.)*
- ***Spare bulb for fixed light kit : 66499***
- ***Spare flag : 10742***
- ***Fixing clip for flag : 16703***

Inshore dan buoy

176928

Black GRP tapered pole 2.14 m long.

Yellow encapsulated float.

Yellow plastic dipped lead weight.

Flag and 25 mm band of retro-reflective tape.

3 m of Ø 8 mm floating line.

Lifefloats

Plastimo lifefloats

Polystyren foam enclosed within a strong PVC cover,
high frequency welded with zip.

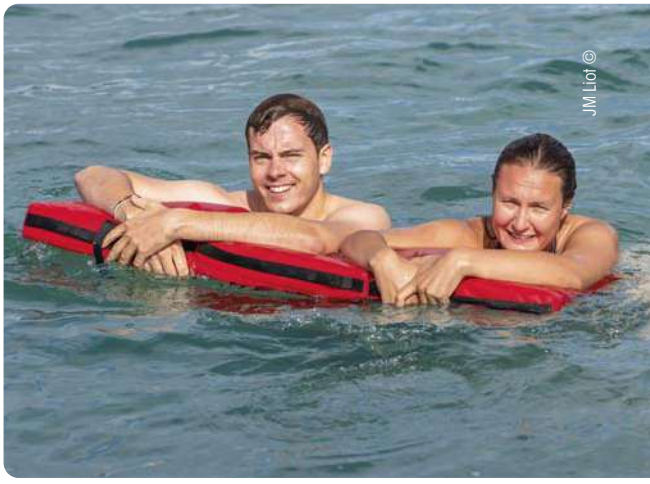
Fitted with braided rope reeved through reinforced welded fairleads.

Do not use life floats as cushions.

Use	Ref.	Buoyancy	Weight	Dimensions
2 persons	**65199**	323 N	1.7 kg	45 x 45 x 16.5 cm
3 persons	**65200**	451 N	2.3 kg	60 x 47 x 16.5 cm
4 persons	**65201**	598 N	3.2 kg	74 x 50 x 16.5 cm
6 persons	**65202**	902 N	4.5 kg	100 x 60 x 16.5 cm

Double cushion

Triple cushion



Buoyant cushions

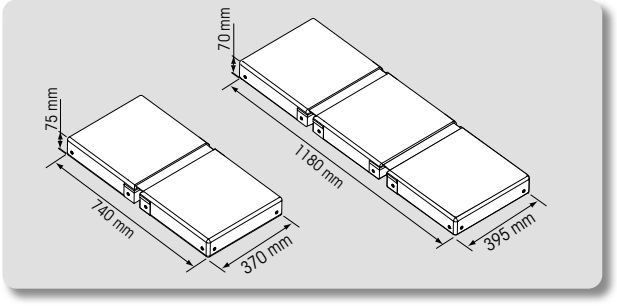
Light polyethylene foam protected by a durable polyester fabric cover.

Great to sit, also provides efficient buoyancy aid in the event
of a Man Over Board.

Peripheral straps facilitate grabbing.

Easy care : cover is washable with fresh water and can be sun dried.

Model	Use	Ref.	Colour	Buoyancy	Weight
Double	1 person	**70600**	Red	150 N	0.620 kg
Double	1 person	**70601**	Navy blue	150 N	0.620 kg
Triple	2 persons	**70602**	Red	300 N	0.970 kg



Lifeguard lifebuoy

70620

Designed for sea or fresh water rescue.
Its shape and weight have been defined to facilitate a precise throw towards the person in difficulty.
Once the victim is attached to the buoy, the rescuer can pull the victim towards the boat or theshore.
Made of polyethylene with polyurethane foam filling.
Delivered with traction line and shoulder strap.
Dimensions : 670 x 230 x 135 mm.
Weight : 1.4 kg.

Signalling

Whistle
52937

Polypropylene whistle, required on all lifejackets as from 100 N buoyancy.
Dimensions : 7.3 x 1.9 x 2 cm (L x H x W).
Weight : 5 g.

Sound

Gas fog horn

Delivers a 115 dB blast at 2 m distance.
Clipper-on canister.
Ozone friendly.

Type of gas	Fog horn, complete	Capacity	*Spare canister*
Inflammable	**64388**	230 ml	***64389***
Non flammable	**64390**	200 ml	***64391***

Trump and Mini-Trump

Combines the powerful blast of sound of a gas fog horn, with the simplicity of a mouth horn : delivers over 100 dB with no effort. Operates on the vibration of a plastic diaphragm. Hard-wearing, colourfast, nature-friendly and economical. Virtually can't be lost, because it floats.
The Mini-Trump is the more compact version.

Model	Ref.	Ø	Weight	Length	Description
TRUMP	**27180**	70 mm	140 g	195 mm	Comes in a tube canister, with lanyard and 2 spare diaphragms.
MINI-TRUMP	**37894**	50 mm	50 g	Adjustable from 87 to 163 mm	Shell pack.

Fog horn
16183

Highly resistant polyamide.
Length : 30 cm. Ø 8 cm.

Brass bell
417988

Removable bell in polished brass, Ø 300 mm. Compulsory on all crafts 20 m long and more.
Complies with COLREG 72 specifications.

Visual

Motoring cone

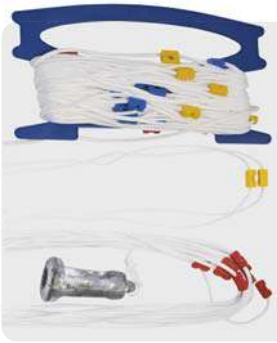
Indicates use of motor on a sailing boat. Folds flat.

Dimensions, when folded	Ref.
47 x 33 cm	**39552**

Anchor ball

Internationally recognised signal for use when at anchor. Folds flat for easy storage.

Ø	Ref.
30 cm	**16185**
35 cm	**39553**



Hand lead lines

- 30 m : **417053**
- 50 m : **39258**

Ø 4 mm nylon rope with colour toggle every metre and colour change every 10 metres.
0.615 kg sounding lead weight with recess for wax.
Total weight : 905 g for 30 m model, 1 030 g for 50 m model.

Lifebuoy lights

MADE BY PLASTIMO

Patented

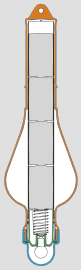
Floating fixed light

- **Without bracket : 57718**
- **With bracket : 57719**

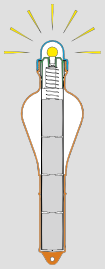
Designed to complement the horseshoe buoys.
- Visibility radius : 360°.
- Optimal visibility thanks to the position of the lighting optic 10 cm above the water.
- Autonomy : > to 6 hours.
- Light intensity : 2 candela.
- Works with 4 alkaline batteries R20 (not included).
- Dimensions : 360 x 100 mm (H x Ø).

Operation principle of fixed light

- The spring is in permanent contact with the base of the bulb and the positive terminal of the batteries.
- The wire is in permanent contact with bulb socket.

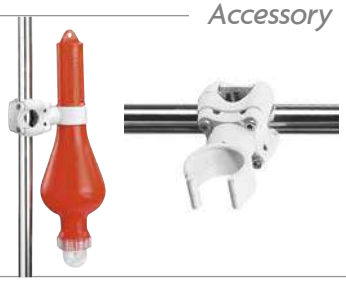


When not in use, the weight of the batteries compresses the spring and shuts off the contact between wire and batteries negative terminal.



When the light is thrown into the water, it floats in vertical position immediately, thanks to its specific shape. The batteries slide down in the tube and, with their weight, create the contact with the wire connected to the bulb.

Accessory



- ***Mounting clip for Plastimo floating light : 37034***
  Fits any tube or rail, horizontal or vertical Ø 18.5 to 25.5 mm. Screws and nuts included.

Spare part

- ***Bulb : 54499***

SOLAS

Ultra compact LED flashlight

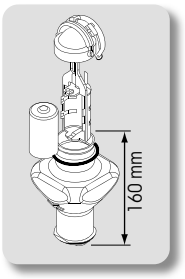
64047

Among the most compact and lightest on the market.
Triggered automatically when the light is disengaged from its support.
Can be used on platforms (drop test at 76 m validated).

SOLAS-MED & US Coastguards compliant

- Visibility radius : 360.
- Duration : 2 hours minimum.
- Output : 2 candela minimum.
- Weight : 91 g (light only), 115 g (light and holder).
- Dimensions : light only 75 x 78 mm (Ø x H).
  light with holder 86 x 97 mm.
- Supplied with polypropylene holder and 1 m lanyard to attach to lifebuoy.

196482



Stella LED flashlight
196482

Very compact lifebuoy light, low power consumption. LED-type flashlight, operates with one R20 alcaline battery. 360° arc of visibility.

63655

Sirius LED flashlight
63655

Floating LED-type lifebuoy with **automatic seawater activation.** Can be stored in any position with no risk of inadvertent activation. Circuit and lithium battery are sheltered and locked in polyurethane foam to avoid oxydation.

Model	Stella : **196482**	Sirius : **63655**
Activation	By turning over	With seawater contact*
Arc of visibility	360°	360°
Duration	Approx. 8 hours	> 12 hours
Flash	60 flash/minute	ND (50-70 flash/minute)
Light intensity	2 candela	3 candela
Battery	R20 alcaline battery (x1) - not included	Integrated lithium battery (5-year run time)
Weight	90 g. (without battery)	310 g
Dimensions	160 x 80 x 80 mm	220 x 100 mm (H x Ø)
Supplied with	-	Holder and 2,65 m lanyard
Accessory	Mounting clip ref.	-

* Can be stored in any position without risk of accidental ignition.

Accessory

- ***Mounting clip : 45184***
  Fits any tube or rail, horizontal or vertical Ø 20 to 30 mm. Screws not included.

Life Flag

LIFE FLAG **To be rescued, we must be seen**

Photoluminescent and fluorescent : visible at any time night or day, the Life Flag enables a quick and effective location. Available in distress and diving flag.

For recreational boating, sailing and windsurfing, or all water activities.

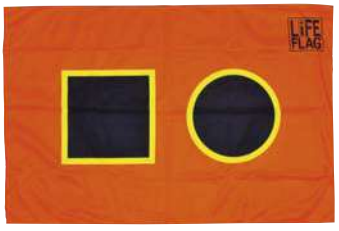
Innovative process

Photoluminescence process combined with fluorescence optimizes the location by night or day, in all weather conditions.
5 minutes exposure to a bright light = 8 hours of photoluminescence.

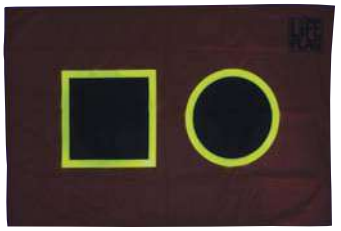
Benefits

- **Safety** : excellent visibility by night or day, immediate spotting even from airplane.
- **Easy to use** : quick and easy fastening with shock cords, fully operational when flat or hoisted.
- **Economic and eco-friendly** : durable safety equipment, recyclable. No other energy source required other than light.
- **Quality** : made in France, non-polluting manufacturing process with solvent-free, water based printing paste. French patent. LNE certificate.

International maritime distress flag 61689	**Diving flag with Saint-Andrew's cross 61690**
Dimensions : 75 x 112 cm	Dimensions : 30 x 40 cm
Weight < 320 g	Weight < 50 g
Blocked mesh polyester fabric, 130 g/m²	Blocked mesh polyester fabric, 130 g/m²
Tunnel strap (Life Flag exclusivity)	Tunnel strap (Life Flag exclusivity)
Supplied with 4 shock cords	Supplied with 4 shock cords
Complies with OMI/RIPAM-IMO/COLREG distress signals (flag with black ball)	-



61689 – Day


61689 – Night

61690 – Day

61690 – Night

Dye marker

Marine dye marker used for daytime emergency distress signalling and search and rescue marking.
A person in distress scatters the dye marker on the water when a potential rescue vessel or aircraft appears. It spreads as a brilliant spotting mark, clearly visible as a distress signal for up to an hour, and in good visibility can be seen by aircraft over 10 km away.

Ideal for boating, it is also an extra safety equipment for windsurfing, diving and snorkeling.

Sold in a sealed sachet with fastening lanyard.

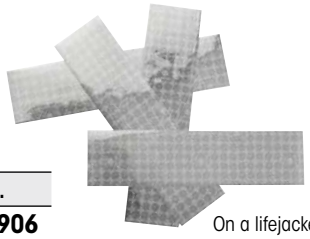
Description	Ref.	Dimensions
40 g sachet + blister pack	**38861**	185 x 80 x 12 mm
40 g sachet	**301124**	185 x 80 x 12 mm
80 g sachet	**62236**	185 x 80 x 17 mm

Other size sachets available on request.

Adhesive reflecting tapes

SOLAS

Description	Ref.
A 4 tapes, 20 cm long x 5 cm wide	**60906**
B 1 roll of 45.7 m x 5 cm wide	**60117**



A

B

On a lifejacket, a safety harness or sailing jacket : combining light stick and reflecting tapes optimises visibility.

Fluorescent storm jib

The storm jib helps stabilising the boat and increases visibility in foul-weather conditions.

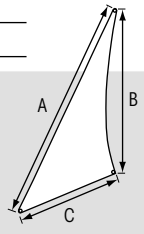
Designed by a professional sail maker and manufactured in polyester, the storm jib features :
- A high modulus cloth (380 g/m²).
- A small surface (4 m², 5 m² ou 6 m²).
- A compact shape.
- A bright visible colour (fluorescent).

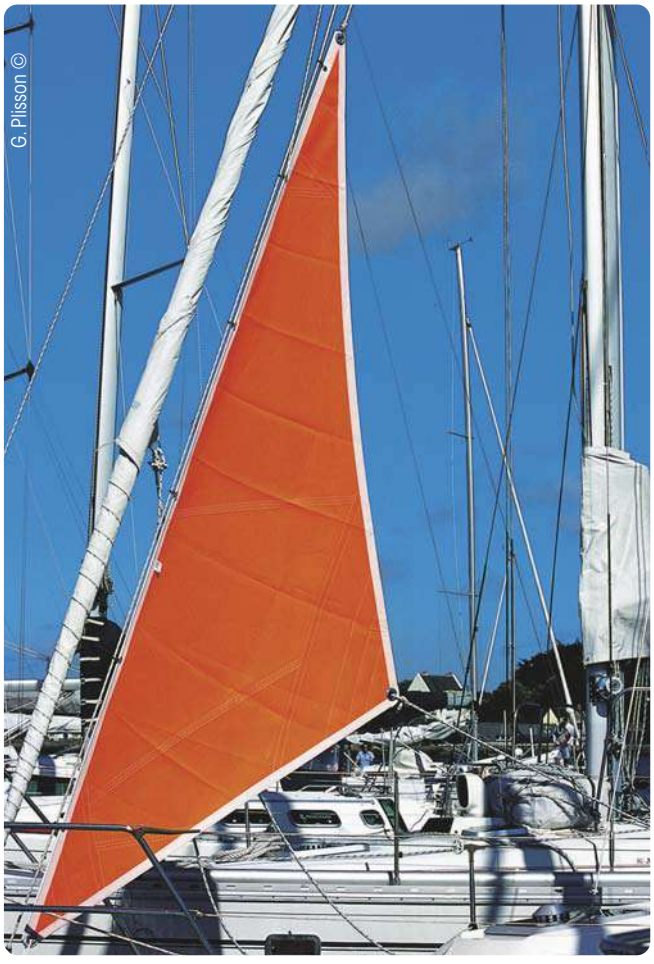
It meets the ORC specifications.

The fluorescent storm jib is equipped with quick snaps and can be easily hanked on any forestay, including a quick-release forestay. Supplied with storage bag.

Boat length		Storm jib area	Ref.
< 8 m	< 26 ft	4 m²	**38009**
< 12 m	< 38 ft	5 m²	**38010**
< 14 m	< 44 ft	6 m²	**38011**

Storm jib area	A	B	C
4 m²	4.68 m	3.32 m	2.53 m
5 m²	5.79 m	4.15 m	2.66 m
6 m²	5.90 m	4.52 m	2.80 m





Alarms

Gas alarms

Handheld gas detector

Honeywell

53446

Battery powered. Easy to use.
Suitable for identifying sources of leaks in pipes, fittings, valves, gas storage tank/cylinders...
Will respond to all types of flammable gases such as LPG, natural gas, LNG…
Audible and visual warning.

- Detection level :0-10.000 ppm (20 % of LIE / Lower Explosion Level).
- Display :
  green LED : power on - gas <500 ppm*.
  yellow LED : low alarm - gas >500 ppm*.
  red LED : high alarm - gas >2.000 ppm*.
- Power consumption : DC 600 mW.
- Operating temperature : -10° C to +50° C.
- Humidity : 95 % RH max.
- Battery size : 1.5 V x 2 (AA Alkaline).
- Dimensions : 188 mm x Ø 30 mm.
- Weight : 110 g.

*concentration in the air : parts per million.

CE

Carbon monoxide alarm

Honeywell

29486

CE

The XC-70 is an easy to use and reliable self-contained carbon monoxide alarm, using superior electrochemical cell sensing technology to prevent accidents caused by carbon monoxide. Battery-powered, with the long-life lithium battery sealed inside the detector to avoid tampering and eliminate the need for maintenance.

- Gas detected : CO carbon monoxide.
- Detection principle : Ecosure® electrochemical cell.
- Alarm levels :
  ≥ 43 ppm* : around 75 minutes.
  ≥ 100 ppm* : around 25 minutes.
  ≥ 300 ppm* : around 90 secondes.
- Separate indicators for each unit state : alarm, power, fault, ventilate (pre-alarm)
- Buzzer output : > 90 dB at 1 metre.
- Operating temperature : -10° C to +45° C.
- Humidity range : 30 to 90 % (without condensation)
- Automatic switch on
- Your CO alarm has an automatic self-test function for the electronics, which is performed every 60 minutes.
- Protection level : IP44
- Approval/conformity: EN50291: 2010 and BSI Kite
- End of alarm life warning
- Battery lifespan : 7 years
- Dimensions : 100 x 72 x 36 mm
- Weight : 135 g

* ppm : parts per million.

Download instruction on www.plastimo.com

Completely odourless and colourless, carbon monoxide (CO) is produced by the combustion of fuels, therefore common with appliances such as heater, cooker, engine exhaust... Symptoms start with a simple headache, reach nausea within 2 or 3 hours, and can result in death after only 1 to 3 minutes in the worst cases.

What makes carbon monoxide such an insidious killer is that you can't see it, and you can't smell it.

Besides, the first symptoms of CO poisoning are very similar tothose of seasickness :

- 200 ppm* : headache, tiredness, dizziness, nausea within 2 to 3 hours.
- 800 ppm *: dizziness, nausea and convulsions within 45 minutes ; unconsciousness within 2 hours ; death within 2 to 3 hours.
- 1600 ppm* : headache, dizziness and nausea within 20 minutes ; death within 1 hour.
- 6400 ppm* : headache, dizziness and nausea within 2 to 3 minutes ; death within 10 to 15 minutes.
- 12800 ppm* : death within 1 to 3 minutes.

*Concentration in the air : parts per million.

Cable cutters

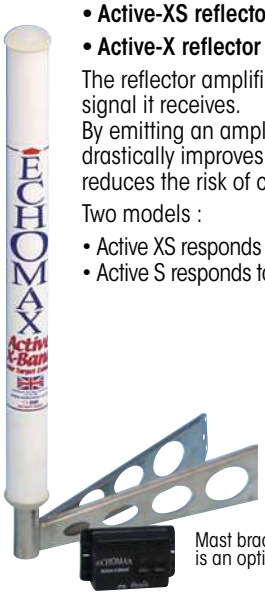
Absolutely essential on sailing yachts and motor cruisers.
Not suitable for cutting chain.

Length	Ref.	For cable
45 cm	**63579**	Ø 6-8 mm
60 cm	**63580**	Ø 10-12 mm
90 cm	**63581**	Ø 14-16 mm

Radar reflectors

Active radar reflectors

ECHOMAX



Mast bracket shown is an optional extra.

Echomax Active reflectors

- **Active-XS reflector : 59031**
- **Active-X reflector : 187031**

The reflector amplifies and re-transmits the radar signal it receives.
By emitting an amplified signal, the reflector drastically improves the detection range and reduces the risk of collision.

Two models :

- Active XS responds to X and S radar band pulses,
- Active S responds to X radar band pulses.

The radar reflector must be hoisted aloft as high as possible.
Having a radar reflector on board is no substitute for an active watch.

Options

- ***Stainless steel mast mount bracket : 46797***

- ***Universal st. steel support*** *(V9177)* ***66930***
  Standard 1 ¼" . Weight 150 g. Height 40 mm

Model	ACTIVE XS	ACTIVE X
Ref.	**59031**	**187031**
Reception frequency	X-band radar : 9.32 - 9.5 GHz S-band : 2.9 - 3.1 GHz	X-band radar : 9.32 - 9.5 GHz
Operating temperature	-20° to + 60° C	-20° to + 60° C
Position accuracy	1 m	1 m
Voltage	12 V DC, protected against current surges	12 V DC, protected against current surges
Antenna dimensions	685 mm x 40.5 mm	478 mm x 40.5 mm
Antenna weight (without cable)	509 g	327 g
Control box dimensions	92 x 51 x 38 mm (L x h x d)	92 x 51 x 38 mm (L x h x d)
Connection cable length	24 m	24 m
Fuse	0.5 A, accessible from outside	0.5 A, accessible from outside
Stand-by current consumption	< 23 mA	< 15 mA
Transmitting current consumption	X band : 190 mA S band : 155 mA	190 mA
Power	1W	1W
Standard compliant	Exceeds ISO 8729-2	-

Each model is supplied with an antenna, a 24-m connection cable, and a control box which incorporates both LED and switchable audible alarms.

Control box included designed for surface mount or flush mount.
Dimensions : 92 x 51 x 38 mm
(Width x Height x Depth)

Passive radar reflectors

ECHOMAX

EM180 | EM230 MIDI | EM230 / EM230BR

Made of reflective aluminium sheets enclosed in a polyethylene case.
A symmetrical arrangement of interacting corners generates an echo with the largest possible reflective area, whatever the angle.
Mast mounting or halyard hoist.

Model	Ref.	Reflective area m²	Height mm	Ø mm	Weight kg	Approval
EM180	**56192**	8.10	478	174	1.4	
EM230 MIDI	**175880**	20	450	245	1.9	World Sailing - OSR
EM230 MIDI BASEMOUNT	**175881**	20	432	245	2.3	World Sailing - OSR
EM230	**175873**	24	610	245	2.3	ISO 8729-1/ SOLAS
EM230 BR	**56194**	24	595	245	2.5	World Sailing - OSR

SOLAS

Options & Accessories

Steel mount for passive radar reflector

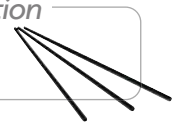
Compatible with	EM180	EM230	EM230 BR	EM230 MIDI
Mast mount	***56193***	***48967***	***48967***	***48967***
Deck mount	–	***175870***	–	–

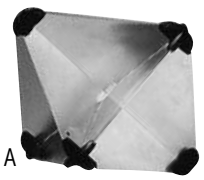
Inflatable radar reflector
61913

SOLAS approved for use on board liferafts and rescue boats.
Radar cross section : 10 m², complies with SOLAS requirements.
- Weight : 600 g.
- Packed dimensions : 230 x 305 mm.
- Inflated diameter : 615 mm.

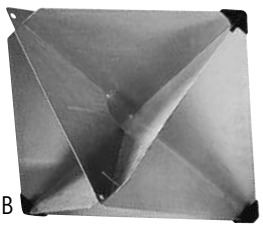
Option

Rod kit
61914





A



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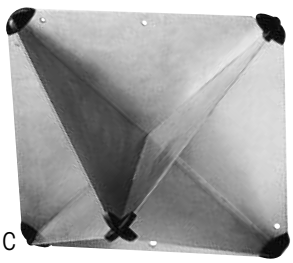


C

Complies with ISAF/ORC

As the reflection capacity is proportional to the reflector's size, we advise you to choose a model with the largest possible reflection area.
The radar reflector must be hoisted aloft as high as possible. Having a radar reflector on board is no substitute for an active watch.

Octahedral type radar reflectors

Aluminium models, fold flat for easy storage.
For optimum performance, the radar reflector must be mounted in catch rain orientation.

	Ref.	Max. reflective area	Dimensions	Weight
A	**27015**	3 m²	215 x 215 x 280 mm	450 g
B	**23648**	5 m²	300 x 300 x 415 mm	650 g
C	**10074**	7 m²	340 x 340 x 470 mm	1000 g
		complies with ISAF/ORC : diagonal > 456 mm		

To be used as a complement : does not replace an active radar reflector

Tube-type radar reflectors

Clever shape : creates minimum windage and also less chafe on gear.

	Model	Ref.	Max. reflective area	Dimensions	Weight
A	**Sailboat** Features a shroud groove	**25586**	2 m²	58 cm long Ø 5 cm	250 g
		39099	4 m²	59 cm long Ø 10 cm	900 g
B	**Powerboat** Features a mounting bracket	**25587**	2 m²	56 cm long Ø 5 cm	300 g
		29496	4 m²	56 cm long Ø 10 cm	1100 g

Fire fighting

Fire extinguishers are rated according to their capacity to put down different types of fire. A coefficient indicates the actual capacity and a letter indicates the type of fire for which a specific model is intended.

FIRE RATING
A : solid, dry material fire (paper, wood, textiles…)
B : liquid fire (petrol)
C : gas fire (butane, propane…)
F : cooking fats fires

Portable fire extinguishers

Powder fire extinguishers

Dry powder extinguishers are polyvalent : they can be used on most types of fire, except metal fire. They also provide efficient results on mixed fires.

Country	Approval	1 kg ABC with gauge	1 kg ABC without gauge	2 kg ABC with gauge
Germany	DIN - EN3/MPA	-	-	**39814**
France	NF - EN3/AFNOR	**38354**	**57508**	**38360**
Netherlands	BZ - EN3/NCP	-	-	**38364**
Sweden	SS - EN3/DNV	-	-	**39815**

Reference per country, according to national approval.

Foam fire extinguisher

51517 : France
2 liters with gauge.
NF - EN3/AFNOR approved.

More specifically intended to put down a solid fire (rated A), a liquid fire (rated B) or a fire from cooking fats (rated F).
Can also be used safely on electrical systems and electronic instruments (up to 1.000 V), with no risk to damage the instruments.
The cooling effect prevents re-ignition.
Non pulverulent, can be used in recessed areas.

EN3 · CE 0029 P.E.D 97/23/EC · 0029/14 M.E.D. 96/98/EC

Always hold the fire extinguisher vertically to ensure optimum operation. When held horizontally, or slightly inclined, operation could be hindered. Always direct the extinguisher to the starting point of the fire and gradually move up following the flames.
A fire extinguisher must be placed close to critical areas (engine compartment, galley, batteries...) and should always be easily accessible from inside as well as outside.
To ensure a perfect operation, we recommend that you have your fire extinguisher checked periodically by a professional.

Technical characteristics

	Powder fire extinguishers			Foam fire extinguisher
Model	**1 kg ABC without gauge**	**1 kg ABC with gauge**	**2 kg ABC with gauge**	**2 liters with gauge**
Fire rating	5A-34B-C	5A-34B-C	13A-89B-C	8A/70B/25F
Pressure		Permanent		Permanent
Propellant		Nitrogen/Helium		Nitrogen/Helium
Power	300 kW	300 kW	450 kW	450 kW
Gauge	-	✔	✔	✔
Height	295 mm	295 mm	378 mm	378 mm
Diameter	82 mm	82 mm	108 mm	108 mm
Weight (full)	1.35 kg	1.35 kg	2.7 kg	2.7 kg
Discharge time	7.27 sec	7.8 sec	11 sec	21.30 sec.
Range	4 m	4 m	4 m	4 m
Bottle material		Aluminium		Aluminium
Re-fillable bottle	✔	✔	✔	✔
Mounting bracket	✔	✔	✔	✔

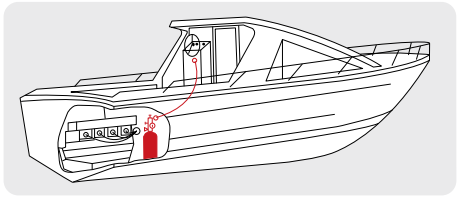
Fixed extinguishers

A fire extinguisher must be placed close to critical areas (engine compartment, galley, batteries...) and should always be easily accessible from inside as well as outside. To ensure a perfect operation, we recommend that you have your fire extinguisher checked periodically by a professional.

Gas fire extinguisher with remote activation

Fixed fire extinguishers to safely put down fires in recessed areas (engine compartment).
Gas activation, with no risk to damage the instruments or compartment and does not leave any residue.
No risks to humans and to the environment. Manual actuation by the remote control or automatic with the activation of the valve.

- Steel cylinder, CE.
- Extinguishing agent : HFC 227 Gas, non toxic.
- Suitable for class B and class C fire rating.
- Chromed brass valve, automatic activation when the ambient temperature reaches 93° C.
- Pipe with quick connect fittings and remote control.
- Chromed brass nozzles with 2 outlets, Ø 3/8".
- Vertical mounting, supplied with wall-mounting bracket.



Complies with EN ISO 9094-1 - 9094-2

Model	Ref.	Max volume	Height	Ø	Weight	Max pipe length (x2)	Nozzle
1 kg	**64397**	1.7 m³	390 mm	110 mm	3 kg	2 m	2
3 kg	**64398**	5.1 m³	410 mm	130 mm	5.3 kg	4 m	
6 kg	**64399**	10 m³	480 mm	160 mm	10 kg	5 m	

Automatic fire extinguisher, ABC powder

An automatic fire extinguisher is particularly suitable for the engine compartment : installed permanently, it operates automatically when the ambient temperature within the engine compartment reaches 79° C.
It can be used on all kinds of fire except metal fire.
Rechargeable. Supplied with wall-mounting bracket and manometer.

Model	Ref.	Fire rating	Pressure	Propellant	Height mm	Ø mm	Weight kg	Discharge time	Range	Automatic operation temperature
1 kg	**38367**	ABC	Permanent	Nitrogen / Helium	242	82	1.450	6 sec	1.50 m (when installed at 3 m height)	79° C
2 kg	**38368**				378	108	2.800	10 sec		

Fire extinguisher storage cases

Allow safe and protected storage of a fire extinguisher in the cockpit or dashboard.
UV-resistant white ASA.

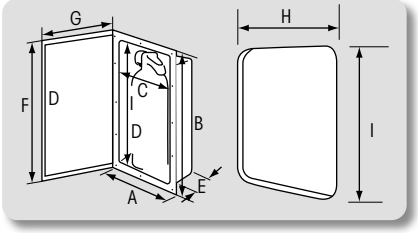
Storage case for 1 kg extinguisher.
Cut-out dimensions :
124 x 374 mm.

A

B

C

	Model	Ref.
A	without door	**50006**
B	with transparent door	**196666**
C	with solid door	**196461**



Dimensions (mm)								
A	B	C	D	E	F	G	H	I
174	424	120	370	105	434	196	124	374

Fire blanket

65757

Fibreglass fire blanket in rigid ABS container.
Complies with BS EN 1869 standard.
Blanket : 1 m x 1 m.
Material is continuous filament glass cloth.
Container : 203 x 177 x 46 mm.
Pull twin tabs to operate.

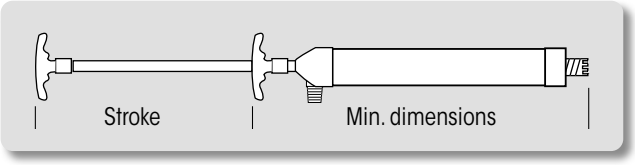
Bailing out

(see also Pumps Chapter)

Hand pump

Pump alone	Pump + 1 m hose	Output per stroke	Min. dimensions	Stroke
14089	**27074**	0.50 L	480 mm	330 mm
14105	**27075**	0.75 L	630 mm	480 mm
14090	**27076**	1 L	790 mm	640 mm

25 m hose Ø 25 mm : **16209**



Plastic bucket

Handle with a loop for the rope.
Capacity : 10 L.

Model	Ref.	
Bucket without rope	**14375**	1
Bucket with rope	**17576**	5

Rubber bucket

14054

Aluminium handle.
Capacity : 7.5 L.
Height : 23 cm.
Ø : 26 cm.

Canvas collapsible bucket

182510

25 cm diameter canvas collapsible bucket with stainless steel handle. Zippered storage cover. Coated and sealed acrylic fabric.

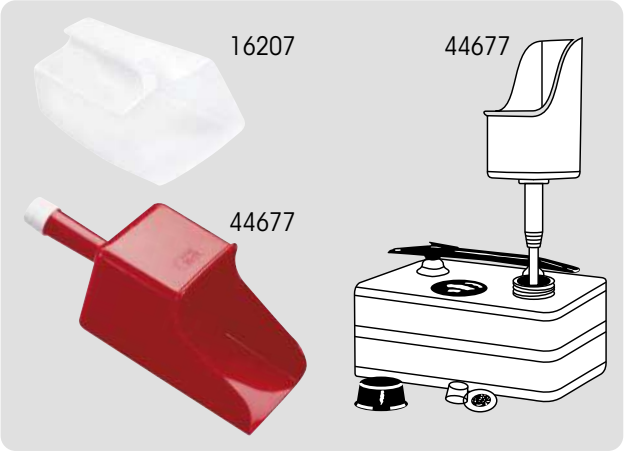
Wooden plugs

16323 : Set of 9 conical wooden plugs :
2 x 40 mm hight x Ø 10-4 mm*
2 x 50 mm high x Ø 16-8 mm*
2 x 60 mm high x Ø 22-14mm*
2 x 70 mm high x Ø 30-18 mm*
1 x 80 mm high x Ø 35-25 mm*

10103 : Set of 9 conical wooden plugs :
3 x 110 mm high x Ø 29-19 mm*
3 x 110 mm high x Ø 39-29 mm*
3 x 110 mm highx Ø 50-40 mm*

47428 : Set of 6 conical wooden plugs :
2 x hight 60 mm x Ø 22-15 mm*
1 x hight 115 mm x Ø 22-19 mm*
1 x hight 110 mm x Ø 39-29 mm*
2 x hight 110 mm x Ø 49-39 mm*

* Max.min diameter



Bailers

	Dimensions	Reference
Floating, flexible bailer	180 x 125 mm (L x w)	**16207**
Bailer-funnel with filter	290 x 110 mm (L x w)	**44677**

Flushmount safety ladder

51558

Helps any crewmember get back on board easily without external help.

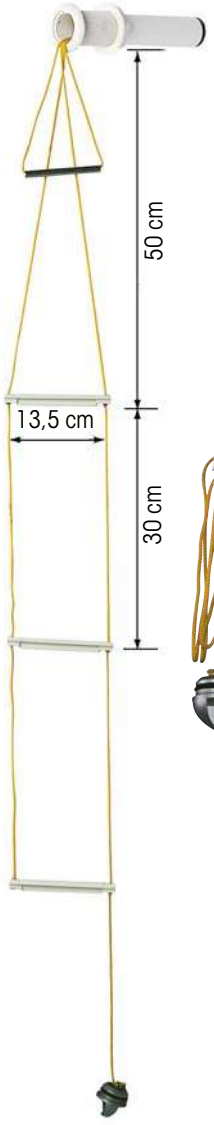
Suitable for current use (bathing) or in case of Man Over Board.

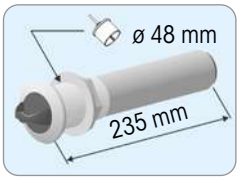
Consists of 3 polypropylene steps and 1 st. steel handle assembled by a highly resistant line, (bright yellow Ø 3 mm polyester).

Ladder is stored in a polyamide tube with a grey polypropylene cap, for optimum protection and waterproofness.

The Man Over Board removes the cap, pulls the ladder down, and climbs onboard.

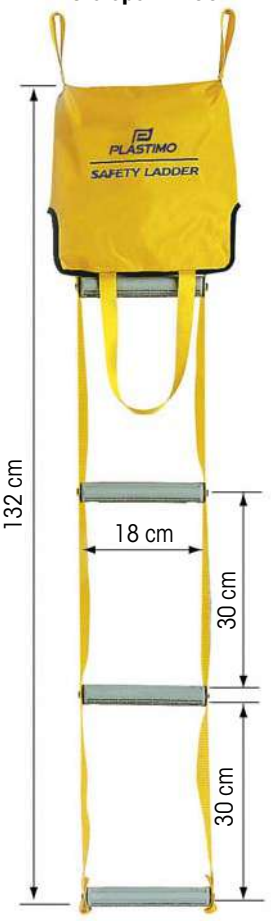
- Light.
- Very easy flush mount (like a thru-hull fitting).
- Transom or skirt mount (sail and power boats), just above waterline.



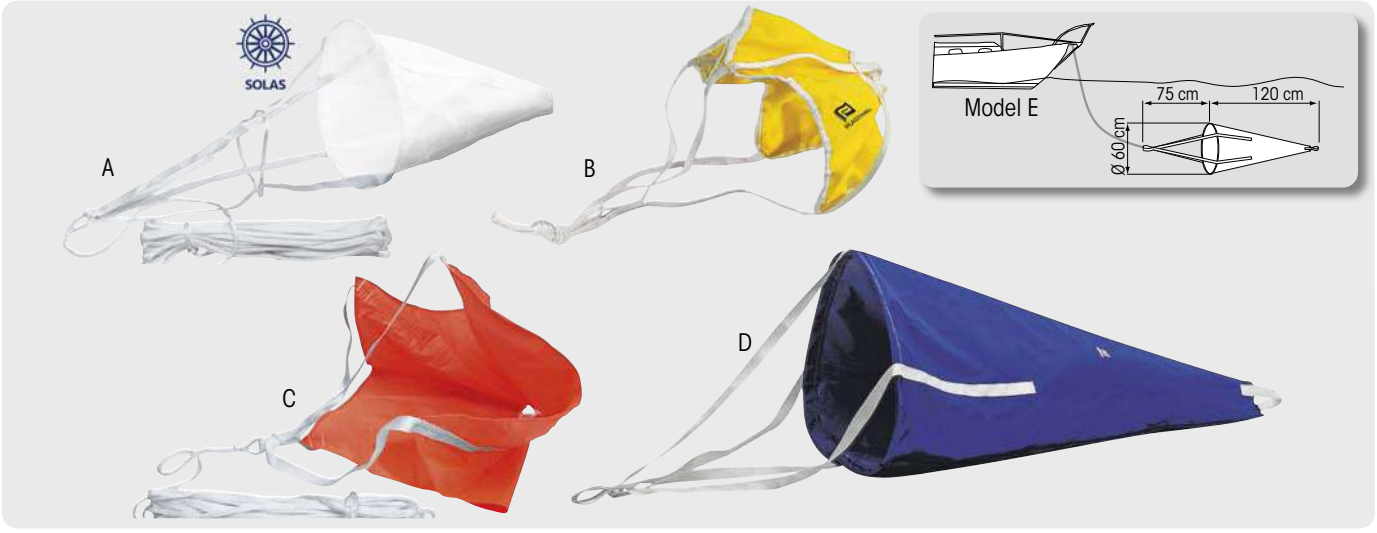


Safety ladder

- **4 steps : 29008**
- **5 steps : 29009**



Designed to increase safety on board, this ladder comes in a canvas bag with 2 handles : one handle to attach the bag alongside the boat ; the other handle for the man fallen overboard to grab. The bag pulls open and the ladder unfolds instantly, helping the person to get back on board easily.



Sea anchor

Highly resistant models. Easily folded for storage.

Model	Ref.	Dimensions	Material	Line	Type of use
A - **SOLAS**	**52957**	Length 60 cm - Ø 40 cm	PVC coated mesh fabric	30 m line	SOLAS liferafts, up to 10-person
B	**25354**	Length 80 cm - Width 35 cm	Polyester fabric	-	Horseshoe buoy, Dan buoy, etc.
C	**52559**	Length 90 cm - Width 75 cm	PVC coated fabric	30 m line	ISO 9650 liferafts, from 4 to 10 persons
D	**18668**	Length 120 cm - Ø 60 cm	PVC coated fabric	-	Sailboats & Powerboats

First aid

First aid set

Packed in a soft and water resistant pouch, the Crewmedic first-aid kits has been elaborated to provide the essential first care equipment during the vital minutes following an accident, before the arrival of the nearest rescue teams. Available in 3 versions : 30, 60 or 180 minutes. Each model floats, is water resistant and features a very handy hanging lanyard.

	Ref.	Description
A	**59041**	30-minute model. Ideal for small boats, wind or kite surf, dinghies, jet-skis. Recommended for the immediate emergency situations. Dimensions : 17 x 10 x 3 cm.
B	**59042**	60-minute model. Suitable for boats up to approx. 7 m. Recommended for coastal navigation. Dimensions : 31 x 14 x 6 cm.
C	**59043**	180-minute model. Complete set, suitable for coastal or cross-channel use. Dimensions : 24 x 24.5 x 10 cm.

CREWMEDIC	30 minute model	60 minute model	80 minute model
Content	**59041**	**59042**	**59043**
Antiseptic wipes	4	4	10
Plasters (standard)	10	20	20
Safety pins	-	12	12
Eye bandage	1	1	2
Sterile eye/wound wash	1	2	2
Large adhesive wound dressing	1	2	5
Burn aid gel	1	1	1
Finger bandage	1	1	1
Resuscitation aid	1	1	1
Guidance notes	1	1	1
Vinyl gloves	-	1 pair	2 pairs
Triangular bandage	-	1	2
Medium sterile wound dressing	-	1	2
Knuckle plasters	-	5	5
Instant ice pack	-	1	1
Plaster dispenser	-	1	1
Large sterile wound dressing	-	-	1
Foil blanket	-	-	1
Crepe bandage	-	-	1
Gauze swabs	-	-	1 x 5
Burn aid dressing	-	-	1
Snaplight (30 minutes)	-	-	1

A

B

C

Anti-seasickness wrist band

Natural method to provide effective nausea control for sufferers from seasickness.
Based on acupressure principle (acupunture without needles), no side effects.
Suitable for adults, pregnant women and children.
Elastic wristband : one size fits all, they adapt to all types of wrists.
Washable and reusable.
Delivered in a plastic box. Sold in pairs.
* 1 pair : **64400**.
* Box of 12 pairs : **1010400**.

Coastal
66002

Offshore
66003

Ocean
66004

Compliant with Division 240 French regulation.

First aid kits

Allow the crew to cope with most incidents on board.

3 kits for coastal, river or blue water sailing. Come in a handy plastic case.

Ref.	Model	Type of navigation	Description
66002	Coastal	Coastal sailing : within 6 NM from shelter	Grey case 22 x 27 x 7 cm. Weight 0.400 kg
66003	Offshore/ Waterways	Offshore & river sailing : 6 to 60 NM from shelter	White case, 22 x 27 x 7 cm. Weight 0.700 kg
66004	Ocean	Blue water sailing : beyond 60 NM from shelter	White case, 37 x 25 x 9 cm. Weight 1.500 kg

Our first aid kits contain the medicine and products that comply with the French regulation (Division 240).
They feature the minimum contents to allow the crew to cope with most incidents.
As he feels appropriate, the skipper should not hesitate to top-up with additional medicine to match the navigation programme and the potential specific needs of some crew members.

Contents	Coastal **66002**	Offshore/ waterways **66003**	Ocean **66004**
First aid guidance English/French	1	1	1
Sterile gauze pads 7.5 x 6.5 cm	5	5	5
Adhesive dressing to cut, 1 m x 6 cm	1	1	1
Adhesive dressings 1.9 x 7.2 cm	10	10	10
Small round adhesive dressings	10	10	10
Paraffin gauze dressings, 10 x 7.5 cm	-	-	8
Non-woven adhesive tape 5 m x 1.25 cm	1	1	1
Compression adhesive bandage	-	-	1
Cohesive elastic bandage 4 m x 10 cm	-	1	1
Hemostatic pad	-	1	1
Chlorhexidine sachets	-	10	10
Hydro-alcoholic gel	-	1 x 100 ml	1 x 100 ml
Vinyl gloves	-	5 pairs M + 5 pairs L	5 pairs M + 5 pairs L
Foil survival blanket	-	1	1
Safety pins	-	-	12
Scissors	-	-	1
Tweezers	-	-	1
Electronic thermometer	-	-	1

Basic 10322

Offshore
10320

Basic
10322

Coastal
10321

Ref.	Model	Description
10322	Basic	Useful for small boats, dinghies or as an additional kit for your boat's tender. Dimensions : 20.5 x 14 x 5.5 cm
10321	Coastal	Recommended for use on boats staying within 3 NM of the coast. Most minor first aid situations can be dealt with. Dimensions : 26 x 17 x 9 cm
10320	Offshore	Recommended for use on offshore cruisers. Its contents allow the crew to deal with most first aid incidents. Dimensions : 26 x 17 x 9 cm

Contents	Basic **10322**	Coastal **10321**	Offshore **10320**
	-	-	Wall mount
First aid guidance	1	1	1
Triangular bandages	-	2	3
Clinical thermometer (C°)	-	-	5
Survival blanket	-	-	1
Plastic fingerstalls	-	-	10
Scissors	-	1	1
St. steel forceps	-	-	1
Safety pins	6	6	6
Dressings assortment	10	10	20
Steristrip sutures	-	-	10
Sterile eye pad	-	-	1
Sterile compresses (7.5 cm x 7.5 cm)	3	3	1
Non-sterile stretch gauze straps	2	1	3
Sterile straps	2	4	4
Moist cleaning wipes	2	12	10
Sterile paraffined pads	-	-	4
Elastoplast strapping	1	-	3
Antiseptic cream (tube de 15 g)	1	1	-
Double sided low adherent pad	1	2	2
Woven sterile adhesive dressing	-	1	-

Survival equipment

Fresh water and food rations are the ultimate survival equipment, indispensable for any yachtsman or seafaring crew likely to be in an emergency situation far away from any rescue possibility for a period of time.
Water and food definitely belong to an abandon ship grab bag, together with distress signals, handheld VHF, PLB's, etc…
Plastimo drinking water and food rations comply with all international standards or recommendations related to maritime and aeronautical activities, as well as humanitarian missions conducted by NGO's.

Standard compliance - Homologation

- **Food rations :**
  SOLAS 74-94, ISO 18813:2006, IMO MSC 48(66) LSA Code, RINA.
  Contain GMO-free cereals.
  Halal certified.
- **Fresh water :**
  SOLAS 74-94, ISO 18813:2006, IMO MSC 48(66) LSA Code.
  MSN1676(M), Merchant Shipping Reg. 99
  Bureau Véritas certified 0062-23889 N° 8960 14 5310350 (NATO).

Ideal in a grab bag to complement a coastal or < 24-hour blue water liferaft.

Survival food rations

Come as readily divided biscuits, each vacuum packed individually.

515 g box = 10.410 kJ = 2.392 kcal.

One box contains 7 biscuits of 73.5 g wrapped in a sealed foil sachet.

In survival conditions, the recommended daily consumption is 3 biscuits maximum per person.

Best-before date : 5 years.

Ref.	Description	Units in box
301541*	**515 g.*** food rations	1 unit of 515 g.*
14116	**10.300 kg** food rations (515 g. x 20 units)	1 box containing 20 units of 515 g.

* Quantity per person required by the majority of racing committees and organisations.

Fresh water

Extremely pure water, treated and processed under the strict control of an independent health protection certified organisation.

Come in 125 ml individual portion sachets for an easy and controlled consumption.

The 3-layer highly resistant foil coated polyethylene contributes to the anti-bacteria protection over time and it also provides a high mechanical resistance : water sachets are designed to resist the high degree of compression in a liferaft and also resist a 35 m drop test (SOLAS standard) without leaking or bursting.

Best-before date : 5 years.

Ref.	Description	Units in box
300448*	**1.5 Litre*** (125 ml x 12 sachets)	1 x 1.5 L sealed pouch*
35541	**14 Litres** (125 ml x 4 sachets, in 28 pouches of 0.5 L)	1 box containing 28 sealed pouches of 0.5 L
21368	**15 Litres** (125 ml x 24 sachets, in 5 pouches of 3 L)	1 box containing 5 sealed pouches of 3 L

* Quantity per person required by the majority of racing committees and organisations.

Survival backpack (grab bag)

58048

Watertight backpack in highly resistant red 500 D PVC.
Roll-down closure system and webbing straps.
Semi-rigid batten facilitates rolling down.
Wide comfortable shoulder straps and foam padded back.
Side pocket on waist belt.
Interior pocket.
Large ergonomic handle.

- Dimensions : Ø 36 cm, height 62 cm (closed bag).
- Capacity : 63 litres.

Why water sachets on board, rather than a plain bottle of water ?

Drinking water processed in vacuum sachets is submitted to a special treatment which guarantees that the water will remain bacteria-free for 5 years*, whatever the temperature fluctuations (from -30 to +40°C). Standard drinking water in bottles will remain pure for 2 years maximum.

* Reason why drinking water is part of the elements replaced in a liferaft when it is submitted to the 3-year servicing session.

Survival suits

SOLAS

Insulated immersion suit

Provides total thermal insulation in accordance with the SOLAS standard (maximum 2°C drop in the wearer's body temperature in water between 0 and 2°C
for 6 hours).
Fulfills the function of a life jacket thanks to its integrated buoyancy.

- 5 mm CR neoprene, fire-retardant.
- 3-finger gloves.
- Non-slip rubber soles.
- Head cushion supports the neck and provides optimal floating angle
- Retro-reflective tapes on head, chest, arms and legs
- Whistle, lifeline, grab handle, hauling harness.**Must be completed with a SOLAS safety light.**
- Comes in a carry bag + paraffin wax for zipper care.

Ref.	Size	Height	Chest max.	Weight
65563	L	170 - 190 cm	120 cm	50 - 150 kg
65564	XL	190 - 205 cm	130 cm	50 - 150 kg

Ensures total thermal insulation in accordance with SOLAS standard (maximum drop of 2°C in the wearer's of the wearer's body temperature in water between 0 and 2°C for 6 hours). Fulfills the function of a life jacket thanks to its integrated buoyancy.

SOLAS

W3 compact flashlight

60833

LED lifejacket flashing light.
Reach : 2 NM. Fixing clip.
SOLAS / MED / USCG / Canada / Russia and South Africa approved.
The light activates automatically when in water and can be turned off manually. Fits all types of lifejackets.

* Lithium battery (5-year run time).

SOLAS

Recyclable battery

LED flashlight

2263071

Reach : 2 NM. Fixing clip. SOLAS approved and MED & CCS certified. The light activates automatically when in water and can be turned off manually. The light activates automatically when in water and can be turned off manually.

* Alkaline battery (5-year run time).

SOLAS

Thermal protective aid

42152

Foil coated polyethylene provides maximum protection in a temperature down to minus 30ºC.
One size fits all.
Dimensions : 2.4 m x 1 m.
Weight : 160 g.

Thermal protective blanket

11057

Aluminium insulating blanket.
Dimensions : 1.60 m x 2.10 m

Grab bags

Capacity : 45 liters

IP66

Roll-down closure system. Inner pouch with zip.

Waterproof drybags

Red : 64693

Perfectly adapted to carry and protect safety equipment or personal belongings.
Bag in tough 500D Tarpaulin.
Backpack shoulder straps for optimal comfort.
Dim. : Ø 29.5 cm x H 92 cm.

Capacity : 63 liters

Survival backpack

58048

Watertight backpack in highly resistant red 500 D PVC.
Roll down closure system and webbing straps.
Foam-padded and ventilatedback and straps.
Side pocket on the belt.
Interior pocket.
Fitted with one carrying handle.
Perfect for water activities : sailing, kayaking, canoeing, rafting, fishing, etc.

- Dimensions : Ø 36 cm, height (closed bag) : 62 cm.

"The best vertical bag !"
"Well-padded shoulder straps and back, a wide belly strap on the sides for optimal comfort, a semi-rigid slat for easy collar roll-up, two collar tightening straps for optimal waterproofing, many adjustments, and a large ergonomic handle."

Voiles et Voiliers, May 2021

PK2 Safety package < 2 MN

68941

67506

2263072

16207

1990046

67508

Safety package for kayak or other kind of small crafts. This package complies the French Division 240 and is only given here as a guide to our foreign customers. It should be completed with a buoyancy aid 50 N per person (to find in the Plastimo offer, depending on the size needed) and tide tables and schedule.
Package includes :

– Orange and black bicolour backpack in Tarpaulin 500D, polyester fabric 500 g/m² with double coating. Capacity 30 L.
The valve allows to inflate the bag to make it buoyant or evacuate air trapped to optimize the volume of the bag in relation to its contents.
– Marine code.
– Bailer.
– Automatic flashlight.
– Floating mooring rope 7 m.
– Emergency telescopic aluminium paddle.

53 à 107 cm

Safety packages

Plastimo has defined two packages that comply with French Division 240 and are only given here as a guide to our foreign customers.

Although French specifications most probably do not apply to your country, you may find these selections helpful as recommended safety packages.
To comply with French rules, each package should be completed with extra equipment, for you to choose according to your boat size.

Illustrated model : COASTAL safety package for 6 persons

BASIC safety package < 2 NM (4 persons)	COASTAL safety package < 6 NM (6 persons)
Ref. 64878	**Ref. 64879**
Black duffel bag, 100 L capacity, contains : • 4 Storm-3 buoyancy aids, 100 N, sizes L & XL • Foam fire extinguisher, 1 kg • Bailer • Mooring rope, 30 m x Ø 8 mm polypropylene	**Black duffel bag, 100 L capacity, contains :** • 6 Storm-3 buoyancy aids, 100 N, sizes L & XL • 1 orange horseshoe buoy, 1 fixed floating light • Foam fire extinguisher, 1 kg • Bailer, fog horn, anchor ball Ø 30 cm • Mooring rope, 30 m x Ø 10 mm polypropylene • Set of flags, 30 x 40 cm (French flag, N & C)
Should be completed with : • Individual signalling device : 1 light stick or a flashlight (per person) • Mooring line, either : 5 kg Grip kit ref. 46565 or 7 kg Grip kit ref. 46567, or 8 kg Britany anchor package, ref. 35202, or 10 kg Britany anchor package, ref. 35203 • Tide tables and schedule	**Should be completed with :** • Individual signalling device : 1 light stick or a flashlight (per person) • Mooring line, either : 5 kg Grip kit ref. 46565 or 7 kg Grip kit ref. 46567, or 8 kg Britany anchor package, ref. 35202, or 10 kg Britany anchor package, ref. 35203 • 1 magnetic compass, either : Bracket Offshore 55, white ref. 63855 or black ref. 63854, or Binnacle-mount Basic white Offshore 75, black card, ref. 63863, or Bracket-mount Basic white Offshore 75, black card, ref. 63864 • 3 red hand flares, ref. 61691 • Tide schedule and official marine charts • International COLREG standards • Description of local buoys and beacons system

Watercrafts such as jet skis, scooters

(French regulation)

Safety equipment legally required if riding within 2 NM from shelter :
- One lifejacket per person (or buoyant safety suit)
- Individual signalling device, watertight and running for 6 hours (W3 flashlight or light stick)
- Towing rope, kill cord, fire extinguisher
- Bailer or bucket or bilge pump

Bag alone (empty), ideal to contain your own selection of safety equipment

Bag sold empty.

Hook and buoyancy aids sold separately.

110 L bag
62338

Holdall bag in PVC coated polyester with rigid reinforced base.
Zip closure. Features 2 interior compartments in mesh fabric to store the buoyancy aids and the safety equipments.
2 carrying handles. 2 hook-and-loop fastener for hook and 1 external pouch in PVC crystal for the safety list or other document.
Dimensions : 65 x 50 x 35 cm (L x W x H) ; Capacity : 110 L.

CE
EN ISO 12402-4

Pack of 100 N-Storm lifejackets

- **Pack 4 : 60909**
  4 x 100 N-Storm lifejackets, size L/XL ref. 58360.
  Dim. : 62 x 35 x 30 cm (L x W x H)
- **Pack 6 : 60910**
  6 x 100 N-Storm lifejackets, size L/XL ref. 58360.
  Dim. : 62 x 35 x 45 cm (L x W x H)

Pack of Storm lifejackets in PVC storage bag.
Zip fastener and mesh for ventilation.

These kits enable you to carry out emergency checks only. It is imperative that correct dive safety training is obtained before operating this equipment.

Beuchat emergency diving kit

56196

Designed for underwater emergency operations or routine maintenance checks below the waterline. This compact system is ideal for ferring fouled propellers and stern gear, anode inspection and hull maintenance...

Kit includes :

- 2-litre tank.
- Regulator (1st and 2nd stages).
- Pressure gauge.
- Stabilising harness with weight pockets.
- Mask and snorkel (adult size).
- Shock-resistant storage bag with internal padded compartments.

Dive duration : approx. 20 minutes at 3 metres depth.
Remaining air in the tank can be checked at all times with incorporated pressure gauge.
Tank can be filled using a standard diving compressor.
Weight : 6 kg.
Dimensions : 45 x 35 x 18 cm.

Accessories

Mask & snorkel (spare)
56197
Adult size.

Shark-repellent sachet

301802

Water-soluble powder producing a highly repellent acid solution.

- Dimensions : 18 x 8 cm
- Weight : 100 g
- Expiring date : 3 years (in sealed sachet)

Diver Recall Signal (DRS)

300603

Set of 3 units.
Emits a strong sound signal to call back divers at sea, in lakes or rivers.
Must not be used for any other purpose.

Silicone gasket for optimum water resistance

Ergonomic cover for easy transport.

Waterproof storage

To store safety equipment, medicine or personal belongings.
Possibility to add a carrying rope.
Opening Ø : 136 mm.
Overall Ø : 250 mm.

Capacity	Height	Ref.
6 L	20.3 cm	**62341**
8 L	26.3 cm	**62342**
12 L	38.3 cm	**62343**
15 L	44.3cm	**62344**

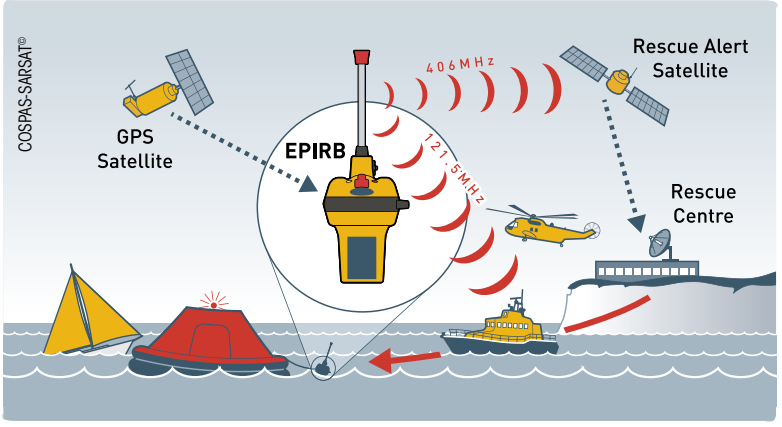
Distress beacons

Our range of electronic emergency location equipment has been specifically designed for your optimum safety at sea. Joining forces with the world leader in electronic emergency location products, we are proud to present the Ocean Signal and ACR emergency location solutions, for use on professional and recreational vessels.

Our range features a large choice of personal beacons (PLBs and AIS), and EPIRBs for boat.

The COSPAS-SARSAT satellite system

Our EPIRBs and PLBs operate with COSPAS-SARSAT satellite constellations, for global alert coverage. They are all equipped with a GPS or GNSS receiver which provides a very accurate location.
The message transmitted by the beacon to the rescue centre allows the location and identification of the boat or the person to whom the beacon is linked, in order to launch the appropriate rescue operations. EPIRB and PLB also have a second homing frequency n 121.5 MHz, used in the final approach phase of search operations.



EPIRB, PLB and AIS, what are the differences ?

EPIRBs (Emergency Position Indicating Radio Beacon) or PLBs (Personal Locator Beacons) are used to alert search and rescue services in the event of an emergency, by transmitting a coded message on the 406 MHz distress frequency. This message is relayed through satellite and earth station to the nearest rescue co-ordination centre. These beacons offer a modern alternative to traditional rocket flares, with the added advantage of global coverage.

AIS beacons are used to alert nearby boats (approximately 5 miles). When activated, they send a signal to the AIS receivers, which then display a target indicating the position of the activated beacon. Your AIS receiver will help you with guidance, showing you the heading and distance to the position. These beacons do not transmit on the frequencies 406 and 121.5 MHz, so their signal is not returned to earth via the satellites.

	EPIRB boat beacon	PLB personal beacon	AIS personnal beacon
Application	Marine use (professional boats, recreational boats, blue water cruising & racing)	Marine, land, air (recreational boats, blue water cruising and racing, trekking...)	Maritime
Floating*	Yes	Yes, (With its buoyancy pouch for the Ocean Signal PLB1.)	No
Flashlight	Yes	Yes	Yes
Endurance	48 h minimum	24 h minimum	24 h minimum
Installation	Traditionally mounted on the vessel	Handheld model	Handheld model
Activation	Auto model • Hydrostatic release. • Manual by throwing the beacon into the sea. • Manual by using the On switch. Manual model • Manual by throwing the beacon into the sea. • Manual by using the On switch.	• Manual by using the On switch.	• Manual • Automatic, while the lifejacket inflates (respect installation instructions)

*EPIRBs operate without restrictions while floating.
PLBs and AIS must be kept in the appropriate position when floating, to keep the signal emission clear.

Coding my distress beacon

An EPIRB beacon must be programmed with the MMSI code which is an identifier specific to your boat. When you activate your EPIRB, the MMSI code is sent to the emergency coordination station to identify you. At the time of purchase, you will need to register your EPIRB with the competent authorities of the country where your boat is registered.

A PLB incorporates a unique serialized code. After purchase, you need to register your PLB in the National Beacon Registry.

Distress beacons

Always paying extreme attention to the latest developments that can complement its safety and rescue equipment, Plastimo teams up with the leading brands and has selected no less than 8 distress beacon models :
EPIRB's, SART transponder, PLB and AIS personal beacons.

EPIRB beacons

GlobalFIX V4 EPIRB
67781

- Built-in GPS.
- Manual or water activated.
- MEOSAR* compatible.
- 48-hour operational time.
- **Lithium battery with 10-year replacement life, user-replaceable.**
- Self-test button (test recommended once a year).
- **Quick release bracket.**
- **SOLAS approved.**
- Weight : 764 g.

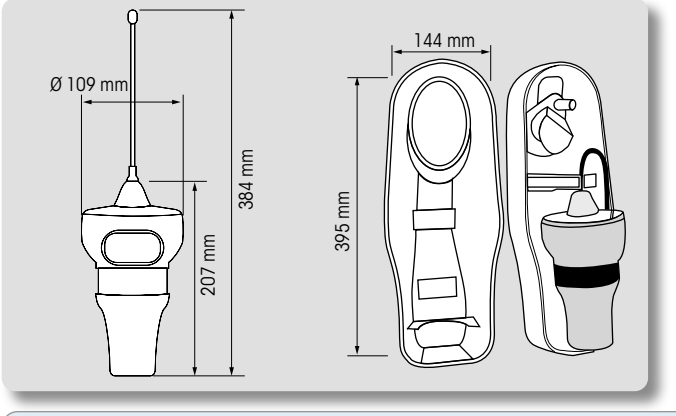
SOLAS

5 year Warranty

EPIRB on its quick-release holder and stowed antenna.

GlobalFIX V4 EPIRB with automatic release container : 67782

For commercial applications.



* **MEOSAR** compatible beacon
(Medium Earth Orbiting Search And Rescue) ;
Communication system under deployment progress on middle altitude orbiting satellites (GPS, Galileo).
By using a large number of satellites, it offers a more instantaneous signal detection and transmission to ground stations : beacon can be located within 5 minutes of the distress signal vs. up to 50 minutes previously (maximum time between 2 satellites above the distress spot).
MEOSAR will eventually enable casualties to be informed that the distress signal sent has indeed been received by a ground station.

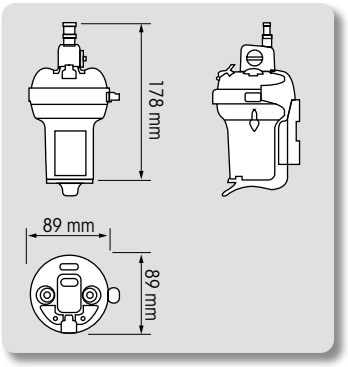
What you should know about EPIRB's

An EPIRB is the biggest of all distress beacons : this volume is necessary to ensure the buoyancy and to contain a battery with 48-hour runtime minimum.
An EPIRB necessarily requires a coding process that links the beacon to a specific vessel : entering the MMSI number provides vessel identification when the EPIRB transmits.
An EPIRB incorporates a GPS which allows precise pinpointing. When activated, the beacon sends a distress signal with position and MMSI number to a ground station on **406 MHz frequency**, using the worldwide COSPAS-SARSAT constellation. It also features the **121.5 MHz homing signal** to help rescuers find you.
As coverage is worldwide, the distress signal can be transmitted from absolutely anywhere around the world.

Ocean Signal EPIRB1

67775

- Built-in GPS.
- Manual or water activated.
- MEOSAR* compatible (see page 14).
- 48-hour operational time.
- Lithium battery with 10-year replacement life, replaceable by a professional.
- Self-test button (test recommended once a year).
- **Quick release bracket**.
- **Retractable antenna**.
- **SOLAS approved**.
- Weight : only 422 g.



5 year Warranty

Compact and lightweight : 178 x 89 mm (H x Ø), only 422 g.

SART S100 transponder

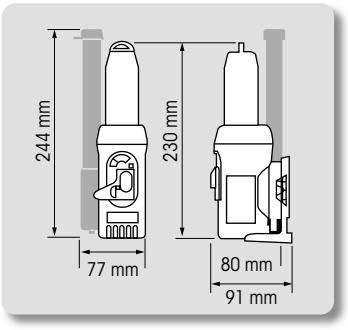
67780

Compact and lightweight : 227 x 82 mm (H x Ø), only 440 g.

9 GHz X-band radar transponder designed to assist rescue operations of ships in the most challenging conditions.
For rescue crafts and lifeboats :
SOLAS approved + IMO and GMDSS compliant.

- **12-hour operational time when activated,** even after 96 hours' stand-by.
- 10 m waterproof rating.
- L**ithium battery with 5-year replacement life, user-replaceable.**
- Visual indication of operations and status.
- Weight : 440 g.

Comes complete with wallmount holder and telescopic pole.



5 year Warranty

Operation principle :

Once activated and when a radar signal is received from a ship or aircraft, the S100 transponder automatically transmits a response signal which clearly identifies the lifeboat on the radar screen with a 12-point display.
The S100 transponder remains in stand-by mode for over 96 hours and will automatically start transmitting upon receipt of a radar signal.

PLB's : Personal Locator Beacons

PLBs feature serialised programming by default. When buying a new beacon, you will have to register it with the relevant national authorities of the country for which the PLB was originally serial coded.

5 year Warranty

67783

Recommended in your lifejacket and your grab bag.

67784

ResQLink 400 PLB

67783

Buoyant personal beacon equipped with a multifunction clip, a strobe light and an infrared light.

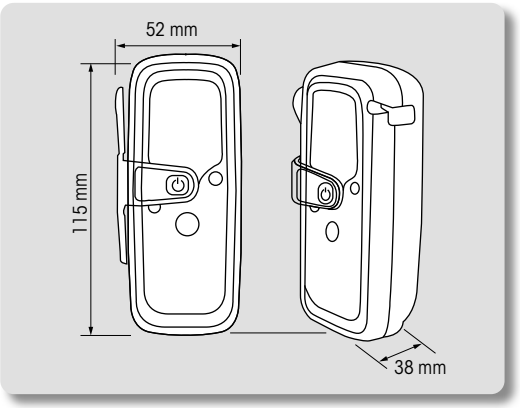
- GNSS* receiver (GPS & Galileo).
- MEOSAR** compatible.
- Operational life : 24 hours (28 hours for ResQLink View).
- **5-year lithium battery.**
- Autotest button (test recommended once a year).
- **Multi-function clip system included :** attachment to lifejacket oral inflation tube, on strap…
- **Buoyant.**
- Strobe light and **infrared strobe**.
- Waterproof rating : 5 m.

ResQLink View PLB

67784

Same performance as ResQLink, with additional features :

- Digital display (GPS data and beacon status).
- Operational life : 28 hours.



* **GNSS** receiver
(Global Navigation Satellite System) :
Global system of satellite navigation. A GNSS beacon acquires its position using all the satellite constellations : American (GPS), European (Galileo), Russian (Glonass) and Chinese (Beïdou).
A non-GNSS beacon acquires its fix only from the American GPS system. A GNSS beacon offers a more precision position and a shorter acquisition time.

** **MEOSAR** compatible beacon
(Medium Earth Orbiting Search And Rescue) :
Communication system under deployment progress on middle altitude orbiting satellites (GPS, Galileo).
By using a large number of satellites, it offers a more instantaneous signal detection and transmission to ground stations : beacon can be located within 5 minutes of the distress signal vs. up to 50 minutes previously (maximum time between 2 satellites above the distress spot).
MEOSAR will eventually enable casualties to be informed that the distress signal sent has indeed been received by a ground station.

What you should know about PLB's :

With a compact format, the Personal Locator Beacon is the sailor's companion, always close at hand in the lifejacket, in the jacket pocket or in the grab bag. It offers a 24-hour operation lifetime. It contains a GPS and is identified by a specific code. When the beacon is activated, the code is transmitted together with the GPS position on **406 MHz frequency** to a ground station, using the worldwide coverage COSPAS-SARSAT constellation.
Just like an EPIRB, a PLB also transmits the **121.5 MHz homing signal** that enables the search and rescue forces to pinpoint your location.
You are required to register your PLB with your local authority.

ocean SIGNAL

7 year Warranty

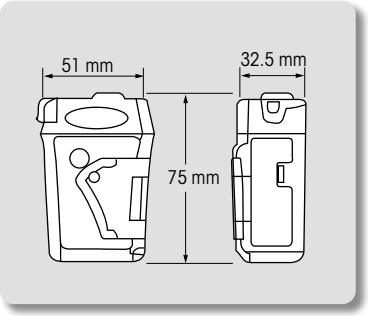
Recommended in your lifejacket and your grab bag.

The most compact and lightweight PLB : only 116 g.

PLB 1 personal locator beacon

67779

- MEOSAR compatible (see page 80).
- Operational life : 24 hours.
- **7-year lithium battery.**
- Autotest button (test recommended once a year).
- Clip to attach to lifejacket oral inflation tube.
- Retractable antenna.
- Waterproof rating : 15 m.



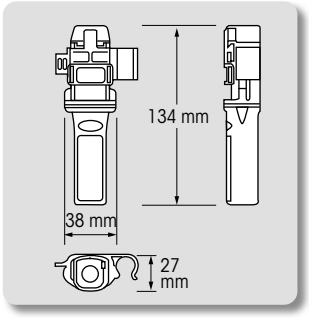
Retractable antenna

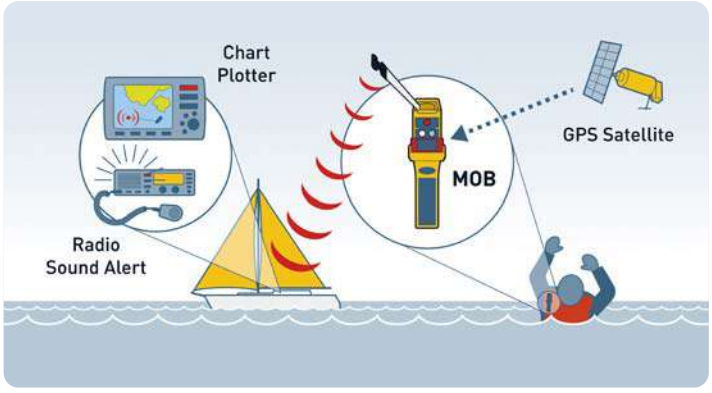
Clip to attach to lifejacket oral inflation tube

Personal AIS beacon MOB 1

67778

- AIS function (beacon identified with 9-digit code 972…).
- **DSC* function : sends a distress signal to your boat and to all AIS equipped boats around.** (*provided MMSI has been programmed in the beacon).
- Built-in strobe light.
- Retractable antenna (key included).
- Operational life : 24 hours minimum.
- **7-year lithium battery.**
- Autotest button (test recommended once a year).
- Automatic activation possible (upon lifejacket inflation).
- Cylindrical shape, easy to integrate in a lifejacket.
- Clip to attach to lifejacket oral inflation tube.
- Waterproof rating : 10 m.





GPS connected beacons

Tifiz beacons allow to geolocate at any time in real time someone or something on a mobile, a tablet or a computer. You just need to put Tifiz in your pocket, in a bag or to fix on your boat. It operates with no need for a SIM card and does not require any installation or wiring. When the beacon moves, it sends the GPS localization through the Sigfox network*. Transmission frequency is adjustable : 2 minutes, 10 minutes (default value), 12 hours and 24 hours.
Alert button : simply press the button and Tifiz sends an SMS alert to indicate your position to a predefined person.

On the JIBE lifejacket, Tifiz beacon slips in the chest pocket.

TiFiz

TiFiz XtrakR
66591

Rechargeable beacon for nautical activities
Ideal when sailing, kayaking, riding a SUP or jet-ski, aquating hiking… with its tiny format and light weight, you will easily take it along everywhere !
- Embedded technology : Bluetooth, NFC, Sigfox.
- **Micro-USB charger.**
- Battery life: **from 3 to 5 months.**
- Size : L100 x l 51 x H 17 mm.
- Weight : 45 g.

TiFiz Xtrak
66592

Long-life battery beacon, your monitoring partner
When fixed on your boat, the beacon locates her at all times and sends you an alert if the boat get out of the predefined perimeter.
- Embedded technology : Sigfox.
- **Replaceable battery** LiSoCl2.
- Battery life : **up to 3 years.**
- Comes with magnetic backing.
- Size : L100 x l 51 x H 30 mm.
- Weight : 70 g.

Common features

- GPS localization.
- Accelerometer.
- Battery charge status and low battery indication.
- Shockproof (IK10).
- IP67 waterproof.
- Anti-corrosion treatment on screws.
- Alert button (GPS location).
- Adjustable transmission frequency (from every 2 minutes to once a day).

*What is Sigfox ?

Narrow Low Power Wide Area Network dedicated to connect objects (IOT) which use radiofrequency signals.
Sigfox allows objects to communicate with each other using short messages (up to 140 messages of 12 bytes per day) without having to use a mobile phone.

Check the Sigfox coverage worldwide on :
http://www.sigfox.com/en/coverage

Network advantages :
- Low consumption.
- Impossible to scramble.
- Impossible to detect.
- No roaming fee.

How does it work ?
- Create your personal account on www.mytifiz.com or with My Tifiz application.
- Choose the option which suits you best : pre-paid cards or subscription.
- Add name and configure your Tifiz tracker(s) : 1 mobile phone number for geolocated SMS alert, create text message, e-mail address (2 maximum), surveillance perimeter…
- Activate and test the Tifiz tracker connectivity with the Sigfox network by pressing on the button.

What do I need ?
A smartphone (IOS or Android) or a tablet or a computer with Internet connection or a basic mobile phone provided it can receive an SMS (with basic phone, only alert message is available without geolocation).

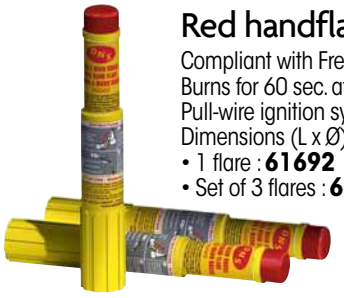
Distress signals & Flares

Signal kits

Recreational BOATING	Professional & navy
61695	**61696**
3 handflares	6 handflares
3 parachute rockets	4 parachute rockets
2 buoyant smokes	2 buoyant smokes

WARNING :

Distress signals and flares are safety products : they must be used with the utmost care and only in an emergency at sea. Always point signals and flares outboard/ downwind. Do not point at people. Do not use if damaged or dented. Do not use after expiry date. Store in a dry place, easily accessible and away from source of heat. Read instructions carefully before use. All instructions for flares and distress signals are in English.



Red handflares

Compliant with French regulation.
Burns for 60 sec. at 15.000 candela.
Pull-wire ignition system.
Dimensions (L x Ø) 20.5 x 3.7 cm.
• 1 flare : **61692**
• Set of 3 flares : **61691**

Mini-flares

300575

Kit includes a penjector and 6 red aerial flare cartridges.
Each flare, ejected at a height of 50 m, burns for 4 seconds at 5.000 candela.
Penjector equally suitable for use with anti-collision white mini-flares.

- ***Refill : 9 red mini-flares : 38890***
- ***Anodised aluminium penjector alone : 300579***

Parachute rocket

61693

Burns red for 40 sec. at 30.000 candela.
Rocket height : 300 m.
Pull-wire ignition.
Dimensions 25.5 x 4.7 cm (L x Ø).

Buoyant smoke

61694

For day use.
Produces orange smoke.
Burns for 3 minutes.
Pull-wire ignition.

White handflares

1 flare : 61712
Set of 3 flares : 61713

Collision warning signal.
Burns for 30 sec. at 10.000 candela.
Pull-wire ignition.

Odeo Flare MK4, LED signal

66475

LED emergency signal, **visible up to 6 NM**. Also includes infra-red capability.
Compact, **floating and waterproof**.

Manufactured following SOLAS specs, Odeo Flare is an additional signal, which does not replace red hand flares in countries where legislation requires pyrotechnic distress signals.

Operated by rotating the top part.
Bottom of body is secured with locking device, opens when you need to replace batteries.

- Detection range increased to 3 NM minimum and up to 6 NM in optimum clear weather.
- Vertical detection range of signal also increased.
- Red LED's + mirrors and international SOS signal.
- Infra-red capability for night-time search and rescue.
- Performance optimized with 4 x L91 lithium batteries : operating life increased up to 9 hours continuous, vs. 3 hours with 4 alcaline batteries. Accepts all battery types, including rechargeable models. Batteries not included in original supply.
- Waterproof : tested to IP68 at 100 m depth for 1 hour.
- **Floating and more compact** : 122 mm x Ø 64 mm.
- Weight : 150 g with lithium batteries, 180 g with alcaline batteries.

A safe, efficient and sustainable addition to distress equipment on board. Also ideal for jet ski, kitesurf, kayak, SUP or even hiking.

Safe disposal of marine distress signals and flares

Plastimo is committed to preserving the health and safety of people as well as the environment.

Time expired or used marine pyrotechnics must be disposed of in strict compliance with local regulations.

Plastimo recommends that you contact your local council or maritime rescue co-ordination centre, to be informed of the rules in force locally and the disposal facilities available.

Red handflare

SOLAS

Single flare : 61714

Set of 3 flares : 61715

Burns for 60 sec. at 15.000 candela.
Very compact. Telescopic handle contributes to safe handling.
Pull-wire ignition system.

Parachute red rocket

SOLAS

61716

Long range distress signalling, from a ship's bridge, lifeboats and liferafts.
Instantly projects the payload to a height of 300 m. The parachute suspended red rocket is ejected and burns for 40 sec. at 30.000 candela.
Pull-wire ignition system.

Buoyant lifesmoke

SOLAS

61717

Designed for daylight use : releases dense, orange smoke for a minimum of 3 min.
Safe to operate on petrol or oil-covered water.
Pull-wire ignition system.

Speedline Linethrower 250

61719

Speedline Linethrower 250 allows to pass a 250 metre line quickly and accurately between 2 vessels or from the shore to a vessel or to a man overboard.
Designed for the most extreme weather conditions.
Consists of a waterproof plastic casing with handle, a rocket and a line (Ø 4 mm).
Weight : 4.3 kg
Dimensions (L x H x Ø) : 330 x 313 x 205 mm.

Spare part

Spare rocket 61720

SOLAS

ManOverBoard

SOLAS

61721

The ManOverBoard is a combined day and night marker, designed for attachment to an emergency lifebuoy (mini. 4 kg) by a lanyard.
When the lifebuoy is released, the marker indicates its position by producing dense orange smoke for 15 minutes and activating 2 lights burning at 2 candela for 2 hours.
Can be installed up to 60 m height.
Supplied with bracket.
Weight : 4.7 kg without bracket (6.7 kg with bracket)
Dimensions (L x Ø) : 453 x 275 mm.

Liferafts

18-year manufacturer's Warranty

Retroactive to all our liferafts manufactured since 2013.

With such quality features now extended over a longer period of time...
No doubt, a Plastimo liferaft is your best investment and safest choice

ISO 9001
BUREAU VERITAS Certification

An exclusive warranty supported by a unique quality

Building on a unique 40-year expertise as liferaft designer and manufacturer, Plastimo confidently commit themselves :

- design by our own R & D team, fully dedicated to your safety.
- exclusive and patented construction technology.
- production in our Plastimo factories, ISO 9001 certified.

Charlie Dalin, skipper of Imoca Apivia.

Pierre Quiroga, skipper of Macif 2019, winner of the Solitaire du Figaro 2021.

Armel Le Cléac'h, skipper of Maxi Banque Populaire XI.

SELECTED BY THOSE-WHO-KNOW

Plastimo is the proud Safety Partner of the sailing elite. This privilege means even more to us, as these exceptional sailors are in the unusual position to have actually tested different liferaft types and brands : the compulsory safety trainings that they must attend, enable them to make up their own mind about the essentials in liferaft quality and performance.
So when the most prestigious sailors trust Plastimo for their safety, when 100 % of Ultime skippers choose a Plastimo liferaft, when Classe Figaro Bénéteau selects a Plastimo liferaft for its foiling Figaro 3, when the organizer of the Golden Globe Challenge chooses our liferaft for a race around the world where the unexpected is more likely to happen than with regular boating... Yes, we are very proud !

Our R & D team is also extremely interested in racers' feedback : it gives us additional hints on how to make the liferaft more accessible, how to make it lighter in weight and more compact if possible... Plastimo is always keeping an ear closely tuned to "those-who-know" and has developed and certified specific liferaft versions : one with a specific emergency pack, the other with a custom folding process so that it fits through an escape hatch...

Some races are almost closer to sea adventure than actual navigation... so by trusting Plastimo products, these awesome racers help us make safety at sea improve and go forward.

CLASSE FIGARO BÉNÉTEAU

GOLDEN°GLOBE°RACE

MADE BY PLASTIMO

Blue Water Liferaft - TRANSOCEAN ISO 9650-1 Standard survival pack* : Rescue within 24 hours					
Model	**Capacity**	**Valise / Canister**	**Ref.**	**Dimensions**	**Weight**
Liferaft packed lower/ longer (Mini 6.50 hatch type)	4 -man	Valise (6 handles)	**61594****	78 x 41 x 27 cm	30 kg
Figaro 3 liferaft	4 -man	Canister	**52162**	74 x 47.5 x 26.5 cm	33.5 kg

* Contains no survival food/water : survival rations must be included in grab bag according to race OSR.
** On special order, please contact our sales desk.

Manufactured in our Lorient factory as a result of a cooperation with Mini 6.50 racers : ISO 9650-1 liferaft, 4-man, < 24 hours, special folding to fit through an escape hatch. Features 4 extra handles (to meet requirement to be able to launch liferaft in less than 15 seconds).

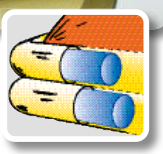
10 reasons +1 for a Plas

Because the sea is capable of the best but also of the worst, because the sea is unpredictable, your safety cannot be a question of optional extras and compromise solutions : your safety must be complete. This is our philosophy at Plastimo, and that's why our liferafts are different.

1 By coming to Plastimo, the Specialist of Safety Equipment for close to 60 years, you are sure to make the right choice.

2 Only Plastimo liferafts feature a double chamber construction.

Ever since our first liferafts in 1978, we have used the "tube-within-a-tube" construction originally developed by our R & D : a polyurethane inner chamber within a PVC coated outer shell.



PLASTIMO EXCLUSIVITY : the double chamber

This construction allows :

- to take advantage of the very best features of every material : offering extreme resistance outside, and perfect airtightness inside ;
- to simplify servicing : the outer shell is closed by a heavy duty nylon zipper, which allows for easy access, should the inner chamber need to be removed for repair ;
- to repair more easily at sea, especially if damage is situated below the waterline.

3 You will feel safe. Our liferafts "adhere" to the sea.

For additional safety, our liferafts feature large deep ballast pockets, to improve the stability of the liferaft and reduce drifting. Plastimo ballast pockets feature a very large opening to facilitate the quick loading of water as soon as the liferaft is launched. Ballast pockets are ideally located on the outer ring of the liferaft for increased stability.

4 You won't loose the survival equipment.

In all Plastimo liferafts, the survival equipment is packed in a watertight pouch that is secured inside the raft ; whatever the conditions, the equipment will always be close at hand, and also visible through the transparent pouch with velcro closure.

timo liferaft on board

5 We run our factory under ISO 9001 standard.

Sewing, welding or trading inflatable structures is not enough to make you a liferaft specialist.
At Plastimo, all operations are certified by Bureau Veritas as ISO 9001 compliant : product design, selection of materials, production and testing process.
Our factory and teams are audited at regular intervals by independent officers in order to obtain the renewal of our certification, which guarantees a consistent quality of our liferafts.

6 We select carefully and audit regularly the technicians who will service your liferaft.

Once you have purchased a liferaft, we have just done a little bit of the job : just starting a long-term relationship through your local servicing station. When suscribing to the Plastimo customer service philosophy, these stations also commit themselves to regular training in our factory and suscribe to regular audits by Quality team, to keep up with Plastimo safety requirements.

7 Should the unexpected happen, leading you to use your liferaft in a shipwreck, we will service your raft or replace it free or charge.

We are anxious to know you : learning from your own experience enables us to keep innovating and remain The Safety Specialist.

8 Wherever your cruise may take you, you will find a station to service your liferaft, in most places of the world.

We have been exporting liferafts worldwide for over 40 years.This unique experience gives you the assurance that our network of technical partners is perfectly tested and trained to service your liferaft. Wherever you are, you will find competent technicians to assist you. See list of Plastimo authorized stations on www.plastimo.com

9 Trust the Made In France quality and service of a long-established company, renowned as Safety Specialist.

Every liferaft that Plastimo launches on the market comes out of our Lorient-France factory.
Over 40 years of liferaft manufacturing and servicing give our engineers and technicians a unique experience and feedback for you and your crew to rely on.

MADE BY PLASTIMO

10 Selected by the sailing Elite

100 % of Ultime trimarans, 100 % of Figaro Bénéteau 3, the majority of 60' Imoca, Class 40 and Mini 6.50...
The most prestigious skippers are often those who take most risks, and we are very proud that they trust Plastimo for safety.

10 +1

Your Plastimo liferaft is backed by a 18-year warranty

Over 40 years of production and thousands of liferafts in service across the world justify our confidence and our exceptional commitment : an 18-year warranty rests on a proven technology, an uncompromised quality and it also gives clear evidence of our corporate contribution to more sustainable products.

18 year Warranty

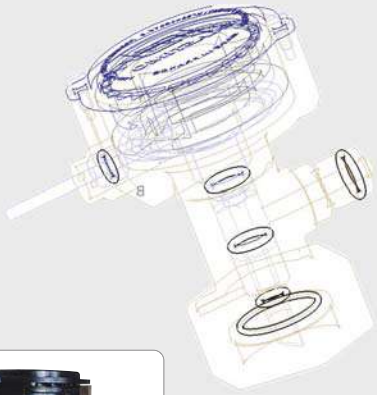
The specialist of safety at sea

Plastimo has been the leading designer and manufacturer of safety equipment for close to 60 years : our Research and Developement team, whose know-how is supported by the most sophisticated industrial tools, is totally dedicated to your safety. Constant research on materials and techniques, combined with unique engineering skills, have made PLASTIMO THE INNOVATING PIONEER OF LIFERAFT TECHNOLOGY.

PLASTIMO exclusivity

Totally hand-stitched !

Plastimo liferafts use no glue in their construction, which eliminates all risks of fabric degradation by solvents that would be confined in a watertight pouch for 3 years with no checking possibility. The absence of solvents is a technical feature contributing to durability and long life, and the stitched technology provides the extra mechanical resistance that can resist the gas pressure suddenly and forcefully released when firing the liferaft. Every stitched seam is then sealed with a thermo-welded ribbon for watertightness.



PLASTIMO exclusivity

Double chamber

Plastimo is the only manufacturer who offers the double chamber construction, an exclusive manufacturing process providing a resistance to perforation and abrasion unmatched in the industry :

- outer envelope in 1100 Dx polyester, PVC coated, offering the best resistance to abrasion,
- air chamber in polyurethane with an astonishing 600 % stretching capacity, guaranteeing absolute water and airtightness.

Double action firing head

Developed by Plastimo engineers and used on all our liferaft models, our **patented firing head** requires minimal pull on the firing lanyard for easy inflation and deployment : it is actuated by hand (10 %) and by gas pressure (90 %). Even a child or an injured person can blow the liferaft open.

PLASTIMO innovation

PLASTIMO invention

Sealed protective envelope

Remember… It is Plastimo who invented the vacuum-sealed protective envelope, an ingenious technical addition -adopted since by many other manufacturers- which protects perfectly the folded liferaft, within its valise or container.

18-year manufacturer's Warranty

These technical benefits combined with a highly professional service allowed Plastimo to be the first to proudly introduce the 18-year warranty on its liferafts, provided of course that the raft has been serviced at required intervals in one of our authorised stations.

PLASTIMO

Our philosophy to Safety and our very demanding standards in the production of liferafts have allowed Plastimo to be awarded the official recognition of its quality assurance procedures, according to ISO 9001:2015 international standards.

The BV/ISO 9001:2015 is an international reference, only awarded after a very serious audit of the company's quality procedures. By obtaining this most valuable certificate, Plastimo confirms that it belongs to the top performing companies on the market, one of those that customers and suppliers trust for quality products and service.

Every liferaft is submitted to very stringent quality control procedures, implemented at all production stages :

- Procurement and reception of raw materials.
- At each manufacturing step, by skilled technicians.
- Final control, through random picking followed by inflation of the raft,carried out weekly by our Quality Assurance Department.

ISO 9650 standard

ISO 9650 is the international standard implemented in March 2005, to set up formal specifications on liferafts for use on board recreational boats. This standard clearly states the performance level and technical specifications of the liferaft and materials used in its construction. It applies to all recreational boats under 24 metres (78 ft).

ISO 9650 standard defines 2 types of rafts according to the navigation type :

ISO 9650-1 Offshore navigation : type I liferafts (ISO 9650-1)

Liferafts designed for long voyages or cruises when gusts of wind can be expected, together with exceptional wave height (excluding abnormal conditions such as hurricanes).

ISO 9650-1 liferafts are classified in 2 groups (A and B) to reflect the temperature conditions in the sailing area :

- **Group A :** liferafts designed to inflate in an environment temperature of -15°C to +65°C ; they feature an insulating double floor.
- **Group B :** liferafts designed to inflate in an environment temperature of 0°C to +65°C ; they feature a single floor.

Liferafts are equipped with 2 types of survival kits, depending on how long the victim is likely to spend in his raft waiting to be rescued :

- **Emergency kit :** rescue forces expected after 24 hours.
- **Standard kit :** rescue forces expected within 24 hours.

ISO 9650-2 Coastal navigation : type II liferafts (ISO 9650-2)

Liferafts designed for sailing in areas where moderate conditions are expected, such as coastal waters, bays, estuaries, rivers and lakes.

ISO 9650-2 liferafts are designed to inflate in an environment temperature of 0°C to +65°C and feature a single floor. They come with a standard survival kit.

Type	ISO 9650-1	ISO 9650-2
Use	**OFFSHORE, BLUE WATER**	**COASTAL AREA**
Capacity (min/max)	4 to 12 persons	4 to 8 persons
Max. launching height	6 metres	4 metres
Inflation temperature	• Group A : -15°C to +65°C • Group B : 0°C to +65°C	0°C to +65°C
Bottom	• Gr. A : Insulating double floor • Gr. B : Single floor	Single floor
Free-board	250 mm (4 pers) 300 mm (> 4 pers)	200 mm (4 pers) 250 mm (> 4 pers)
Inside area / person	0.372 m²	0.250 m²
Buoyancy / person	96 litres	82 litres
Canopy	Deploys automatically	Deploys manually
Outside light	4.3 cd	0.75 cd
Retro-reflective tapes	1500 cm²	1500 cm²
Survival kit	Emergency > 24 h / Standard < 24 h	Standard

Choosing your liferaft

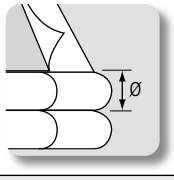
Choosing a liferaft should be a matter of informed choice rather than merely complying with a regulation.
This is what to look for :

- **Materials/buoyancy tubes : the double chamber is a Plastimo exclusivity**
(air chamber within an envelope), used on all our liferaft models.
Plastimo has selected a 1100 Decitex PVC for the outer envelope because if offers extreme resistance to abrasion.
The inner chamber is constructed from an outstanding polyurethane sheet which guarantees an absolute water and airtightness, and offers an astonishing stretching capacity of 500 %.

- **Instructions for use**
Pictogrammes printed clearly on buoyancy tubes

- **Double floor**
Aluminium coated insulating foam.

Cruiser std, Coastal ISO	Single floor
Cruiser ORC, Transocean ISO-OSR	Double floor



- **Buoyancy tube diameter**
Upper and lower tubes are totally independent on all Plastimo liferafts.

4-man	6-man	8-man	10-man	12-man
2 x Ø 21 cm	2 x Ø 23 cm	2 x Ø 26 cm	2 x Ø 28 cm	2 x Ø 29 cm

- **Patented* firing head**
Developed by Plastimo engineers and used on all our liferaft models, this firing head is actuated by hand (10 %) and by gas pressure (90 %) ; even a child or an incapacitated person can blow a liferaft open.
*Patents no. 89 4029 15.5 and 88 14 054.

- **Floating anchor**

Liferaft	Anchor size	Anchor line
Cruiser	1 x 0.40 m²	10 m
Coastal ISO	1 x 0.67 m²	30 m
Transocean ISO-OSR	1 x 0.67 m²	30 m

• Lighting
Lithium-powered light on the top of the canopy. Lifespan : about 12 hours.

Liferaft	Outside light on canopy	Inside light
Cruiser	-	-
Coastal ISO	0.75 cd – SOLAS. Automatic activation.	-
Transocean ISO-OSR	4.3 cd – SOLAS. Automatic activation.	0.5 cd – SOLAS. Automatic activation.

• Arch tube

Cruiser	Automatic inflation, simultaneously with tubes.
Coastal ISO	Fibreglass rod supports canopy, manual set-up.
Transocean ISO-OSR	Automatic inflation, simultaneously with tubes. An anti-return valve guarantees sufficient buoyancy in the arch tube, in case a puncture would occur in the upper tube.

6-man
Transocean ISAF

• Signalling means and visibility
High visibility yellow buoyancy tubes.
Fluorescent orange canopy.

Liferaft	Retro-reflecting stripes
Cruiser	300 cm^2
Coastal ISO	900 cm^2 canopy + 600 cm^2 bottom
Transocean ISO-OSR	900 cm^2 canopy + 600 cm^2 bottom

• Boarding
Very large opening to facilitate access directly from the boat.

Cruiser	1 outside rope ladder
Coastal ISO	1 webbing reversible ladder + inside grab handle.
Transocean ISO	1 webbing reversible ladder, weighted, + inside grab handle (2 ladders on 10-man raft).
Transocean OSR	1 boarding ramp + inside grab handle (1 boarding ramp + 1 ladder on 10-man rafts).
All 12-man liferafts	1 boarding ramp + 1 ladder

• Inflation temperature range
Although not visible, this criterion is essential : passage-makers and round the world racers must pay a particular attention to selecting the right liferaft, with a firing system and bottle capacity that is designed to perform at best in the specific geographic areas where they sail.

Liferaft	Inflation temperature range	
	0° to +65° C	-15° C to +65° C
Cruiser & Coastal ISO	✔	-
Transocean ISO-OSR	✔	✔

• Ballast pockets

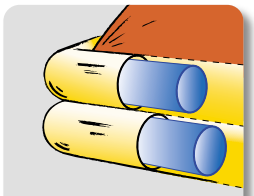
Liferaft	4-man	6-man	8-man	10-man	12-man	Capacity per pocket
	Number of ballast pockets					
Cruiser	3	3	4	-	-	30 litres
Coastal ISO	4	4	4	-	-	55 litres
Transocean ISO-OSR	4	4	4	5	6	55 litres

Coastal liferafts

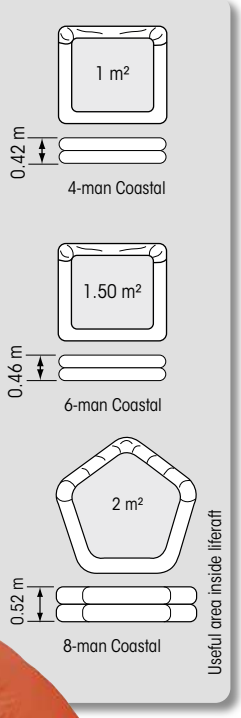
PLASTIMO

ISO 9650-2

8-man ISO 9650-2 liferaft



PLASTIMO EXCLUSIVITY : the double chamber



SOLAS light 0.75 cd, automatic activation, duration 12 hours.

See full description of included equipment on pages 98-99

ISO 9650-2 Coastal liferaft

Designed for **moderate navigation conditions :**
0°C inflation temperature, single floor, fluo orange canopy supported by manually assembled fibreglass rods on 4 and 6-man rafts, manually inflated canopy on 8-man raft. 0.75 cd outside light, retro-reflecting stripes.

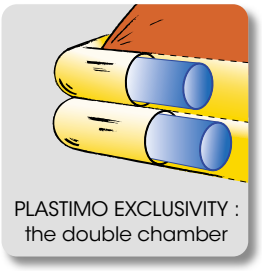
Features a reversible ladder and grab handle to ease embarking. This system allows the victim to hoist himself up on the ladder and then topple easily into the raft.

Should the liferaft inflate upside down, the boarding ladder simply reverts, to allow the victim to pull himself on the capsized liferaft and make it easier to turn over the raft in its natural position.

Inflatable arch tube on 8-man model

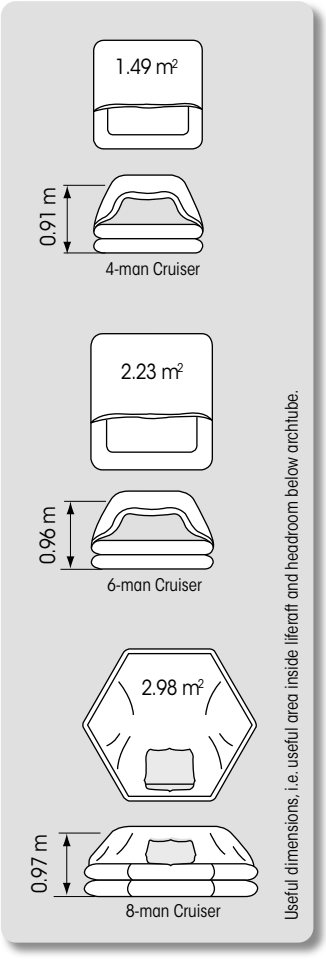
ISO 9650-2 COASTAL LIFERAFT					
4-man		**6-man**		**8-man**	
Valise	Canister	Valise	Canister	Valise	Canister
52372	**52373**	**52374**	**52375**	**52376**	**52377**
24 kg	27 kg	28 kg	31 kg	31 kg	34 kg
70 x 44 x 23	74 x 50 x 21	76 x 46 x 26	74 x 50 x 21	76 x 46 x 28	74 x 50 x 23
Canopy supported by fibreglass rods, assembled manually		Canopy supported by fibreglass rods, assembled manually		Canopy supported by inflatable arch tube, inflated manually	

Dimensions in cm, as a guide only (length x width x height).
Dimensions of liferaft in a valise particularly may fluctuate by ± 3 cm.



PLASTIMO EXCLUSIVITY :
the double chamber

6-man Cruiser liferaft



Cruiser liferaft

Designed for **coastal cruising and moderate navigation conditions.**
Different versions of survival equipment are offered : see full description of included equipment on following pages.

- Single floor on Cruiser Standard.
- Insulating double floor on Cruiser ORC and ORC+.

	CRUISER LIFERAFT					
	4-man		6-man		8-man	
	Valise	Canister	Valise	Canister	Valise	Canister
Cruiser Standard	**28822** 21.5 kg 65 x 43 x 25	**57042** 24.5 kg 74 x 50 x 21	**27979** 25.5 kg 73 x 40 x 25	**57047** 28.5 kg 74 x 50 x 21	**29132** 31 kg 78 x 47 x 28	**57068** 34 kg 74 x 50 x 25
Cruiser ORC	**28826** 22.5 kg 70 x 42 x 25	**57043** 25.5 kg 74 x 50 x 21	**27983** 26.5 kg 73 x 42 x 27	**57048** 29.5 kg 74 x 50 x 23	**29136** 32 kg 78 x 47 x 28	**57069** 35 kg 82 x 52 x 26
Cruiser ORC+	**28830** 28 kg 70 x 42 x 27	**57044** 31 kg 74 x 50 x 23	**27987** 32.5 kg 73 x 42 x 28	**57049** 35.5 kg 74 x 50 x 25	**29140** 39 kg 78 x 48 x 28	**57070** 42 kg 82 x 52 x 26

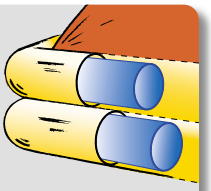
Dimensions in cm, as a guide only (length x width x height).
Dimensions of liferaft in a valise particularly may fluctuate by ± 3 cm.

Blue water liferafts

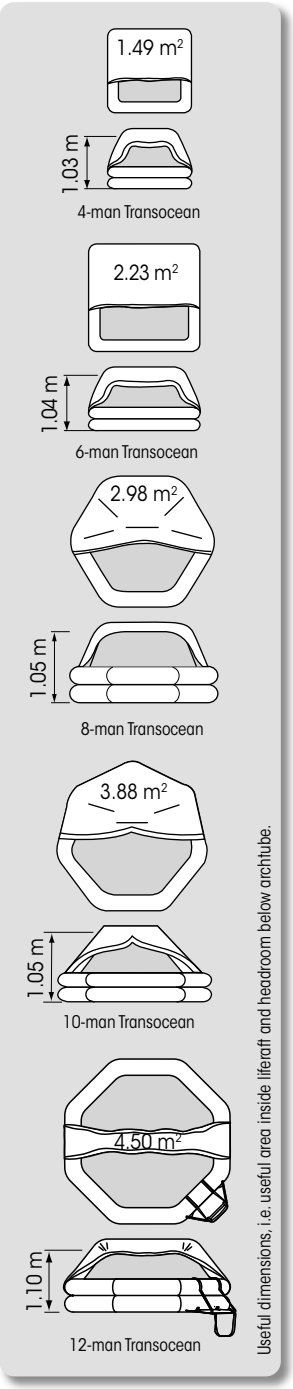
ISO 9650-1

6-man
ISO 9650-1
Transocean.

See full description of included equipment on pages 98-99.



PLASTIMO EXCLUSIVITY : the double chamber



ISO 9650-1 Transocean

Designed for navigation in extreme conditions : -15°C inflation temperature (group A), double insulating floor, fluo orange canopy with automatically erecting arch tube, 4.3 cd. outside light and retro-reflecting stripes, large capacity and quantity of ballast pockets, large volume drogue anchors.

Features a ballasted reversible ladder and grab handle to ease embarking. This system allows the casualty to hoist him/herself up on the ladder and then topple easily into the raft. Should the liferaft inflate upside down, the boarding ladder simply reverts, to allow the casualty to pull him/herself on the capsized liferaft and make it easier to turn over the raft in its natural position.

Inferior or superior to 24 hours : what is the difference ?

Two types of survival equipment packs available, depending on the time the casualty may potentially spend in the liferaft until rescue teams arrive :

- **standard pack** (rescue expected within 24 hours), contains all the equipment related to the liferaft structure and visibility including some pyro.
- **emergency pack** (rescue expected beyond 24 hours), contains additional equipment such as water and food rations, extra handflares and torch, SOLAS thermal protective aids.

Liferaft survival pack can also be completed with a grab bag : see page 100.

TRANSOCEAN ISO 9650-1 (Type 1, Group A) STANDARD SURVIVAL PACK : RESCUE WITHIN 24 HOURS								
4-man		**6-man**		**8-man**		**10-man**		**12-man**
Valise	Canister	Valise	Canister	Valise	Canister	Valise	Canister	Canister
52161	**52162**	**52380**	**52381**	**52382**	**52383**	**52384**	**52385**	**52387**
30 kg	33,5 kg	35 kg	38 kg	43 kg	46 kg	49 kg	55 kg	63 kg
74 x 46 x 27	74 x 47,5 x 26,5	80 x 48 x 32	80 x 50 x 28	85 x 47 x 30	80 x 50 x 31	85 x 50 x 32	90 x 55 x 32	90 x 55 x 32

TRANSOCEAN PLUS ISO 9650-1 (Type 1, Group A) EMERGENCY SURVIVAL PACK : RESCUE AFTER 24 HOURS								
4-man		**6-man**		**8-man**		**10-man**		**12-man**
Valise	Canister	Valise	Canister	Valise	Canister*	Valise	Canister	Canister
52163	**52176**	**52388**	**52389**	**52390**	**52391***	**52392**	**52393**	**52395**
41 kg	44 kg	50 kg	53 kg	61 kg	67 kg	72 kg	79 kg	89 kg
74 x 48 x 31	74 x 47,5 x 29	82 x 50 x 35	80 x 50 x 33	85 x 52 x 35	90 x 55 x 32	85 x 53 x 33	90 x 55 x 35	90 x 55 x 38

***Ref. 66024** : same 8-man -24 H liferaft, in **a more compact canister.**
Dimensions 80 x 50 x 39 cm. Weight 67 kg.

Dimensions in cm, as a guide only (L x W x H).
Dimensions of liferaft in a valise particularly may fluctuate by ± 3 cm.

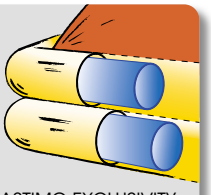
OSR

ISO 9650-1

10-man OSR Transocean.

See full description of included equipment on pages 98-99.

REQUIRED FOR MOST OFFSHORE RACES. It meets the requirements of the OSR, the racing rules established by World Sailing (formerly ISAF), for category 1 & 2 races and complies with articles 4.20.1-a)-ii) and 4.20.2-b)-c) and with ISO 9650-1A.



PLASTIMO EXCLUSIVITY : the double chamber

Transocean OSR

Designed for navigation in extreme conditions, suitable for offshore and blue water racing : -15°C inflation temperature, double insulating floor, fluo orange canopy with automatically erecting arch tube, 4.3 cd. outside light and retro-reflecting stripes, large capacity and quantity of ballast pockets, large volume drogue anchors.

Aso features a boarding ramp with an inside grab handle to ease embarking.
This system allows the casualty to hoist him/herself up on the ramp and then topple easily into the raft.

PVC coated polyester boarding ramp, with fibreglass frame.

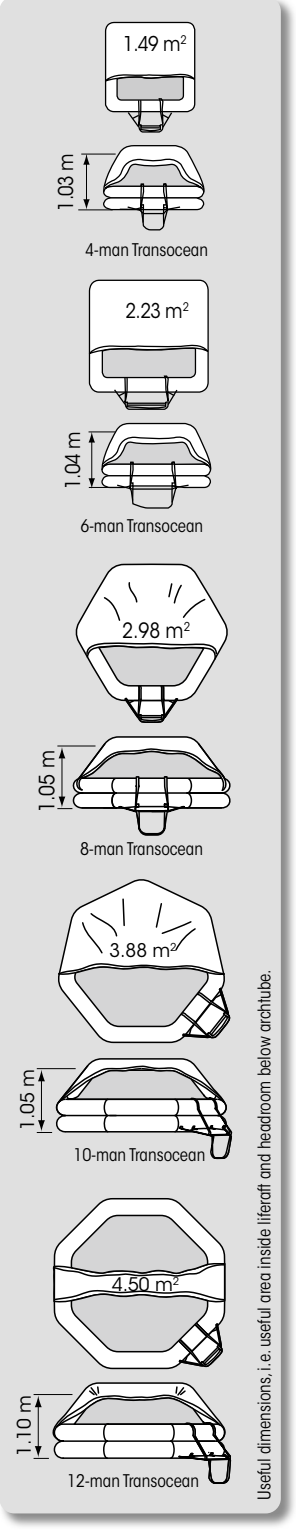
Inferior or superior to 24 hours : what is the difference ?

Two types of survival equipment packs available, depending on the time the casualty may potentially spend in the liferaft until rescue teams arrive :

- **standard pack** (rescue expected within 24 hours), contains all the equipment related to the liferaft structure and visibility including some pyro.
- **emergency pack** (rescue expected beyond 24 hours), contains additional equipment such as water and food rations, extra handflares and torch, SOLAS thermal protective aids.

Liferaft survival pack can also be completed with a grab bag : see page 100.

Prior to a race, we recommend that you check with the organisers what specific contents is required in the grab bag.



Useful dimensions, i.e. useful area inside liferaft and headroom below archtube.

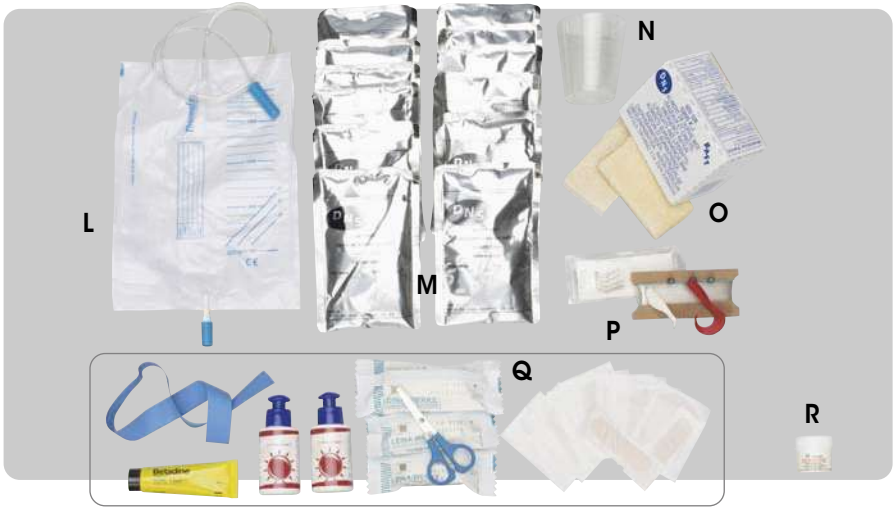
TRANSOCEAN OSR	STANDARD SURVIVAL PACK : RESCUE WITHIN 24 HOURS			
4-man	**6-man**	**8-man**	**10-man**	**12-man**
Canister	Canister	Canister	Canister	Canister
54560	**54562**	**54564**	**54566**	**52387**
33.5 kg	38 kg	46 kg	55 kg	63 kg
74 x 47.5 x 26.5	80 x 50 x 28	80 x 50 x 31	90 x 55 x 32	90 x 55 x 32

TRANSOCEAN OSR PLUS	EMERGENCY SURVIVAL PACK : RESCUE AFTER 24 HOURS			
4-man	**6-man**	**8-man**	**10-man**	**12-man**
Canister	Canister	Canister	Canister	Canister
54561	**54563**	**54565**	**54567**	**52395**
44 kg	53 kg	67 kg	79 kg	89 kg
74 x 47.5 x 29	80 x 50 x 33	90 x 55 x 32	90 x 55 x 35	90 x 55 x 38

Dimensions in cm, as a guide only (L x W x H).

Liferaft equipment

PLASTIMO



Raft equipment

Equipment \ Liferaft model	
A.	Thermal protective overalls
B.	Floating anchor
C.	Sponge
D.	Bailer
E.	Floating knife
F.	Pump
G.	Checkbook and liferaft instructions manual
H.	Survival instructions and signal card
I.	Repair kit
J.	Rescue quoit with line
K.	Paddles

Personal survival

L.	Rainwater collecting pouch
M.	Water (quantity per person)
N.	Graduated cup
O.	Food rations (quantity per person)
P.	Fishing kit
Q.	First aid kit
R.	Seasickness pills (6/person)
-	Raincatching gutter on canopy
-	Seasickness pouch (1/person)

Signalling equipment

S.	Inside lamp, on arch tube
T.	Whistle
U.	Outside light on canopy
V.	Signalling mirror
W.	Red handflares, SOLAS
X.	Parachute rockets, SOLAS
-	Floating smoke, SOLAS
Y.	Waterproof torch, with spare Battery and bulb
Z.	Chemical light sticks
-	Retro-reflective tapes on canopy
-	Radar-reflecting tapes
-	Retro-reflective tapes on bottom (to spot capsized raft)

CRUISER STANDARD	CRUISER ORC	CRUISER ORC+	COASTAL ISO	IBIZA	TRANSOCEAN ISO-OSR PACK <24H	TRANSOCEAN ISO-OSR PACK >24H
-	-	-	-	2, SOLAS	-	2, SOLAS
1 0,40 m² + 10 m line	1 0,40 m² + 10 m line	2 0,40 m² + 10 m line	1 0,67 m² + 30 m line	2, SOLAS + 30 m line (1 automatic anchor)	1 0,67 m² + 30 m line	1 0,67 m² + 30 m line
1	2	2	2	2	2	2
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1	1	1	1	1	1	1
1 + 30 m line	1 + 30 m line	1 + 30 m line	1 + 30 m line	1 + 30 m line	1 + 30 m line	1 + 30 m line
1	2	2	2	2	2	2
1	1	1	-	1	1	1
0,2 L	-	0,5 L	-	-	-	1,5 L
-	-	1	-	-	-	-
-	-	125 g	-	-	-	500 g
-	-	1	-	-	-	-
-	-	1	-	1	-	1
-	✔	✔	✔	✔	✔	✔
1	1	1	-	1	1	1
1	2	2	2	2	2	2
				1	1	1
-	-	1	1	1	1	1
-	-	-	1	1	1	1
-	-	1	1	1	1	1
-	3	3	3	3	3	6
-	-	2	2	2	2	2
-	-	-	-	2	-	-
1	1	1	1	1	1	2
-	-	2	-	-	-	-
-	300 cm²	300 cm²	900 cm²	900 cm²	900 cm²	900 cm²
-	-	-	-	7300 cm²	-	-
-	-	-	600 cm²	600 cm²	600 cm²	600 cm²

The liferaft is ready for use : all you have to do is to secure it safely on your boat. The tightening straps are designed to stay on the raft ; they will break off by themselves, should the liferaft be blown open.

In a canister or in a valise ?

Remember…
It is Plastimo who invented the watertight inner pouch in 1979, representing a real additional protection for your liferaft, hence an extra safety feature. Thanks to this watertight vacuum pouch, your liferaft is better protected, which reflects directly on the maintenance and servicing bills !

Canister

We recommend that you choose a canister rather than a bag : the liferaft is better protected, and can be secured on board nicely and safely with the addition of a specially designed cradle.
Canisters are equipped with **2 or 4 handles** (depending on model), for a better grip and carrying facility ; they also make throwing into the water much easier.

In case the liferaft would be stored on its side, do make sure that the firing lanyard is upwards. We remind you, however, that a **liferaft should ideally be lying flat**, with instructions on the topside.

Even though a canister raft is better protected than a raft in a bag… its rigidity does not allow you to use it as a stool or a seat ! Take good care of it : instead of thinking of it as a big clumsy box, do remember that this box contains concentrated technology which could save your life at any time.

Instructions shown on the liferaft.
Get to know them beforehand : make sure you know exactly what to do, just in case…

Valise

The valise is manufactured from highly resistant coated fabric, impervious to UV-rays.
A valise-packed liferaft requires **some relative protection** : you will select its location on the boat accordingly, i.e. avoid the skirt for example.
Indicated dimensions of liferafts in valises may vary by ± 10 %, due to the lack of rigidity of the valise.

Be nice to your liferaft -think of how precious it could turn to be-, especially if it is packed in a valise : do not drag it, do not tread or sit on it.

Type of cradle	Position of liferaft			Compatibility* with a hydrostatic release unit
	Horizontal, deck-mount	Vertical, pushpit-mount	Vertical, transom-mount	
Universal	✔	✔	✔	-
Deck-mount standard	✔	-	-	-
Deck-mount with straps	✔	-	-	✔

* This cradle is the only model compatible with a hydrostatic release unit (Pains Wessex or Hammar).

Universal cradle

27462

Stainless steel, adjustable cradle. Fits all liferafts.
Installation possibilities :
• Horizontally on deck.
• Vertically on pushpit or transom.
Tube diameter : 19 mm.

316L STAINLESS STEEL

Deck-mount cradle with straps

Stainless steel cradle to be mounted horizontally on deck.
Tube diameter : 25 mm. Comes complete with set of adjustable straps, 40 mm wide.

This cradle is the only model compatible with a hydrostatic release unit.

Liferaft model	Deck-mount cradle + straps	Ref.
Capri 4 & Ibiza 4, Offshore 4 & 6 Transocean 4	B	**40446**
Offshore 8 & 10, Transocean 6 & 8, Transocean Plus 6, Capri 6, Ibiza 6 & 8	C	**40447**
Offshore Plus 10, Transocean 10 & 12, Ibiza 10, Transocean Plus 8, 10 & 12 Capri 8 & 10	D	**40448**

Standard deck-mount cradle

Stainless steel cradle to be mounted horizontally on deck.
Tube diameter : 22 mm.

Liferaft model	Standard deck-mount cradle	Ref.
Cruiser (ref. no. of liferaft > 56000)		
Cruiser 4, Cruiser 6 std, ORC & GR	8	**53442**
Other models		
Capri 4 & Ibiza 4, Transocean 4 , Offshore 4 & 6, Offshore Plus 4 & 6	6	**18673**
Offshore 8, Transocean 6	2	**10566**
Offshore Plus 8, Offshore 10, Transocean 8, Transocean Plus 6, Capri 6, Ibiza 6 & 8	3	**10567**
Offshore Plus 10, Transocean 10 & 12, Ibiza 10, Transocean Plus 8 & 10, Capri 8 & 10	4	**10568**
Coastal ISO 4, 6 & 8, Giglio 6	8	**53442**

Anti-theft cable without padlock

Hydrostatic release unit : **300550***
(See page 104 for hydrostatic release units).

• For cradle B : **40450**
• For cradle C : **23136**
• For cradle D : **40452**

* A hydrostatic release unit can be installed only on Plastimo liferafts manufactured after 1997.
Deck-mount cradle + straps, shown here with all optional extras : hydrostatic release unit, anti-theft cable and padlock.

Liferaft servicing

Saving lives is the most serious mission any product can be tasked with !
At Plastimo, we believe that this justifies a very close control and commitment from the manufacturer over the product whole lifetime : a liferaft must be as reliable at 15 or 18 years as when you originally purchased it.

Plastimo answers your questions

18 year Warranty

What does "18-Year Warranty" mean for Plastimo ?

It means 18 years without surprise : for 18 years as from the date* of purchase, you will never have to pay any operation (parts and labour) on the inflation or buoyancy system. We are so confident in our double chamber exclusive technology, that we can claim you will never have to pay for repair or maintenance on the structure of a Plastimo liferaft. **This warranty only applies provided your liferaft has been serviced at required intervals in one of our authorised stations** and stored in normal conditions.

* Applicable to all liferafts manufactured as from 2013.

Can a Plastimo liferaft accept a 3-year servicing interval ?

Yes, our liferaft structure is designed to accept a 3-year servicing interval. However, this is subject to national regulations that may exist. In addition, we recommend a yearly servicing if your liferaft is used on a professional vessel or stored/used in tropical climate areas (South America, Central America, West Indies, Florida, Texas, Louisiana, California, South Africa, Seychelles Islands, Reunion Island, Australia, New Zealand, South-Eastern Asia, Pacific islands).

What does a Plastimo servicing session consist of ?

In all the Plastimo authorised stations, servicing consists of :

- The careful inspection of the gas bottle, including checking for possible leaks, by weighing the bottle.
- The inspection of the firing head.
- The inflation of the raft, in order to check the airtightness of the chambers.
- The examination of the general condition of the raft structure and valves.
- The free-of-charge overhaul or replacement of all the parts of the raft which would justify it.
- The inventory and checking of the products with expiry date, and replacement when necessary.
- The vacuum-packing of the liferaft.

Labour times are calculated on a contract basis. There is no extra cost for "spares". You will never have an unpleasant surprise : a detailed list of the various operations carried out on your raft is given to you.

Can my liferaft be used again if it has been blown open accidentally ?

Yes, if it can be repaired. In case your liferaft would be blown open, either deliberately (to rescue a man overboard for example) or accidentally, you can indeed have it serviced and overhauled in our of our authorised stations.

Here again the "tube-within-a-tube" construction definitely makes the difference : the inner chambers are better protected, therefore less exposed to handling and damaging (pulling the raft back on the boat, deflating and transporting the raft) ; this of course means a considerable impact on the cost of overhauling and repacking the liferaft.

When do you replace the equipment with expiry date ?

The equipment which is due for replacement before the next 3-year interval servicing session must be replaced. You can easily spot those products by yourself, by looking at the check-list which you are given after every servicing session.

In France, liferaft servicing is done at the Plastimo factory.

Ever since Plastimo started producing liferafts in 1978, the double chamber exclusive feature appealed to many yachtsmen around the world and service stations grew in numbers to develop a worldwide presence. Today, Plastimo appoints and trains local partners whose mission is to ensure that only original Plastimo parts and tooling are used and the same servicing process is followed worldwide.

Certificat d'agrément Technicien
Valable jusqu'au 31.12.2023

PLASTIMO
21 Rue Alain Dordelin
56100 Lorient
FRANCE

Certifie que :
PIERRE DUPONT

De la station n°

Est autorisé à réparer, réviser et entretenir les radeaux de survie de marque Plastimo

PLASTIMO

Lorient, le 10 octobre 2021

Formateur Plastimo | Responsable Qualité Plastimo | Pierre DUPONT

DOC 08 à PM19 indice C Date : 2016/11/10

List of authorized servicing stations on www.plastimo.com

Authorized servicing stations around the world : Plastimo certifies not only the station itself, but also the technician, i.e. the very person who comes to our Lorient factory on a regular basis to update his/her technical skills and work with our Quality Assurance team in order to get his/her certification renewed.
Are you having your Plastimo liferaft serviced abroad ?
Look out for this certificate in our partner's workshop, it is the guarantee for you that you are handing your liferaft over to expert hands, even on the other side of the planet…

Keep your liferaft booklet preciously :
It is your liferaft's ID.
It contains the detailed list of operations conducted on your liferaft all through its 18-year (minimum) lifetime.

Liferaft lifetime : despite a widely held view, liferafts do not have a legally limited lifetime… therefore **no 15-year age limit**.
Every manufacturer bears the responsibility to validate his liferafts according to their quality and degree of reliability. With an 18-year warranty, Plastimo gives clear evidence of their confidence in the reliability and durability of their liferafts.

18-year manufacturer's Warranty

The 18-year warranty runs only if your liferaft is serviced at the required intervals, in our Lorient factory or in a Plastimo-authorized servicing station.

Grab bags

53754

53753

Plastimo grab bags

Contents :
- First aid kit.
- 2 SOLAS thermal protective zipped bags.
- 1.5 L water/person.
- 500 g food rations/person.
- 1 LED-torch (batteries included).
- 2 spare 1.5 V-R6 batteries.

Grab bag with contents included		Reference	Weight (kg)
Waterproof bag with shoulder strap	4 persons	**66584**	12
	6 persons	**53753**	15.5
Waterproof backpack	8 persons	**66585**	20
	10 persons	**53754**	24.5

For economic and volumetric reasons, liferafts are packed with only the absolutely indispensable array for survival.

Plastimo strongly recommends that you prepare your own grab bag which will be easy to access to in an emergency or, better still, attached to the liferaft in a watertight bag or canister.

Among the most vital things* :
- Clothes, glasses and eye-care, essential medication, sun-block.
- Navigation equipment.
- Distress beacon, VHF, GPS.
- Water or reverse osmosis watermaker, food.
- Torches with batteries, ropes and lanyards, gloves, sun hat.

* In addition to wearing your lifejacket.

Hydrostatic release units

Hammar hydrostatic release units for liferafts

The hydrostatic unit releases automatically the liferaft from a sinking vessel. It consists in a double looped white rope line, a release mechanism and a weak link (that will break away when the system is triggered).

- Operating depth : 1.50 to 4 metres.
- Lifetime : 2 years from date of installation on board.
- No servicing required.
- Corrosion-proof.
- Dimensions (excluding attachment braids) : 95 x 65 x 60 mm.

2 shackles (bow-type Ø 8 mm, not included) are necessary for installation.

Application	Reference	Approval
NON SOLAS liferaft, 4 to 12-person capacity	**300550**	-
SOLAS liferaft, 6 to 150-person capacity	**300548**	SOLAS

300550

300548

PLASTIMO
happy boating to you!

Personal Equipment

Jean-Marie Liot ©

Activ'
agile by design

While safety products have contributed to Plastimo's reputation worldwide, they have also set the standard in defining the essentials for personal equipment: comfort, ergonomy and smart styling are common criteria to all the Plastimo range which become even more important when we stretch our developments and open to new horizons, such as seawear.
Building on the experience acquired with XM clothing, Plastimo introduces the Activ' collection, a new collection of innovative and modular garments tailored to suit all your activities, whether by the seashore or off in blue water.

P. Laurent ©

PLASTIMO

B. Leglatin ©

Design

Moïse Arribard, R&D manager :

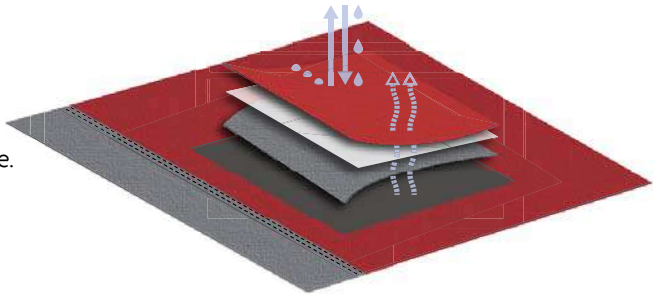
"This range stems from a 2-year process of development and tests. We have combined Plastimo's expertise in coated fabrics and hi-tech fibers with the insight of multi-activity designers and the technical input of professional sailors. Such across-the-board competence was absolutely instrumental in designing a high performance innovative seawear collection which proudly flies the Plastimo flag."

Isabelle Joschke,
60' Imoca MACSF skipper
& Alain Gautier, team manager.

3-layer technology

3-layer laminated fabric guarantees optimum flexibility for enhanced mobility on board and totally unhindered movements. Also contributes to regulate body temperature.

- Outer shell is water-repellent with some stretch capacity for added comfort. It acts as a protective shell over the membrane.
- Microporous hydrophobic membrane ensures waterproofness, breathability and wind-cheater function.
- Inner layer is soft and supple for a comfy snug feel. Also protects the membrane.



Highly functional and totally modular

Extremely versatile, your Activ' garment adapts to your activity and weather conditions.

The Activ' jacket features a removable gaiter which you will zip on or off in just seconds. This extra protection prevents air and water ingress.

In mild weather conditions, trousers are simply worn on their own. If the wind picks up or temperature drops, the handy waistwrap zips on the belt line of the trousers for warmth and extra waterproofness on stomach and back.

Activ' sizing guide

Men size*	S	M	L	XL	XXL
Torso	91-95	96-100	101-105	106-110	111-115
Waist	76-80	81-85	86-90	91-95	96-100
Low hips	90-94	95-99	100-104	105-109	110-114

*in cm

Women size*	XS	S	M	L	XL
Bust	79-83	83-87	88-92	93-97	98-100
Waist	58-62	63-67	68-72	73-77	78-82
Low hips	85-89	90-94	95-99	100-104	105-109

*in cm

Activ'

Men's cut and women's cut jackets and trousers feature the same technical construction. They are just tailored differently to fit body shapes perfectly and enhance good looks. With the 3-layer laminated fabric, Activ' line provides freedom of movement, warmth and waterproofness in all weather conditions, thanks to the modular capability of every garment.

Activ' Jacket

Men's cut and women's cut jacket.

Retro-reflective tapes on shoulders, chest and hood for added visibility. Reflective brand signage and graphic stripe.

Articulated elbows. Cordura® reinforced elbows and seat area.

2 large top entry cargo pockets, micro-fleece lined. Plastic hook in righthand pocket.

Stowaway mesh-lined hood, adjustable on back of head. Transparent windows on the side contribute to extra face protection while maintaining a very good peripheral vision.
Neon yellow colour combined with reflective tapes ensure extra visibility and safety.

High thermal fleece-lined collar with foldaway adjustable mask providing additional protection to mouth and throat.

Breast pocket with hook'n loop fastener flap tailored to hold a handheld VHF.

Forearm pocket with waterproof zip.

Adjustable cuffs with non-abrasive, anti-catcher hook'n loop fastener and neoprene cuff wrist seals.

Press-studs and 2-way YKK® zip protected by a double storm flap, non-abrasive and anti-catcher hook'n loop fastener.

Size	WOMEN jacket	MEN jacket
XS	**66266**	-
S	**66267**	**66276**
M	**66268**	**66277**
L	**66269**	**66278**
XL	**66270**	**66279**
XXL	-	**66280**

2 large side entry handwarming pockets, micro-fleece lined.

Outer shell is water-repellent with some stretch capacity for added comfort. It acts as a protective shell over the membrane.

Seams are thermo-welded and feature reinforced patches.

2 internal zippered waterproof pockets.

Hem tensioner and waist adjustment with drawcord.

Removable gaiter prevents water ingress and provides thermal protection. A non-slip silicone ribbon holds the gaiter correctly placed on the trousers.

Activ' hi-fit trousers

Th. Martinez/Sea&Co ©

Tested and approved by Isabelle Joschke / Monin, 60' Imoca "Route du Rhum 2018".

Men's cut and women's cut hi-fit trousers.

Wide elastic adjustable shoulder straps.

Bi-fabric stretch waistwrap with chest vertical zip closure.

Consists of a pair of trousers and a removable waistwrap. Trousers can be worn on their own by simply unzipping the waistwrap. This concept enables you to adapt your outfit instantly to the conditions on board.

Large thigh cargo pocket with draining hole, welcomes a handheld VHF, a knife or gloves.

Cordura® reinforced in seat area.

Size	WOMEN hi-fit trousers	MEN hi-fit trousers
XS	**66271**	-
S	**66272**	**66281**
M	**66273**	**66282**
L	**66274**	**66283**
XL	**66275**	**66284**
XXL	-	**66285**

Articulated knees with Cordura® reinforced patches.

Waist adjustment with anti-catcher hook'n loop fastener.

Cordura® reinforced hem with non-abrasive anti-catcher tightening hook'n loop fastener strap.

Th. Martinez/Sea&Co ©

XM Offshore

Highly technical and extremely comfortable, the Offshore sailing suit is ideal for coastal navigation. Equally suitable for sailing, racing or powerboating. Manufactured from durable polyamide with a hydrophilic coating, it is breathable and totally waterproof.

T 5000
Breathable

OFFSHORE
TECHNOLOGY

★★★ ★★★ ★★★

Offshore jacket

- Mesh lining.
- 2-way zip protected by a double storm flap and drainage channel.
- Adjustable double cuffs : outer cuff adjusts with elasticated tightening tab ; inner cuff waterproofness is ensured by a PU seal.
- Adjustable hem tensioner.
- Rear and inside hanging loops for easy drying.
- 2 generous gusseted pockets with waterproof storm flap closure, pull-out-to-dry lining, drainage holes and keyclip.
- Articulated arms for improved comfort and mobility.
- Reflective tapes and piping on shoulders, throat and hood.
- 2 inner pockets : 1 zipped and 1 with hook'n loop fastener closure.
- 3 loops to secure inflatable lifejacket.
- Cordura® reinforced elbows and seat for advanced durability.

Fluorescent yellow stowaway hood with reflective tape for increased visibility. Drainage channel to deflect water from face and neck. High visibility peak. Clever 3-way hood adjustment : width, height and face.

Fleece-lined 18 cm high collar and chin flap.

Offshore high-fit trousers

- Fully lined.
- Zip closure behind a large front gusset, protected by a storm flap.
- Wide adjustable elasticated braces with reinforced seams.
- Ankle tightening with elasticated slanting tabs.
- Rear hanging loop for easy drying.
- 2 generous pockets with waterproof hook'n loop fastener storm flap, drainage holes and keyclip.
- Elasticated waist and armpits.
- Crotch patch provides added freedom of movement.
- Knees and seat reinforced with Cordura® patches ; concealed internal seams to prevent chafing.

Colour	Size	OFFSHORE Jacket	OFFSHORE Trousers
Red	XS	**52764**	**52765**
	S	**49183**	**49188**
	M	**49184**	**49189**
	L	**49185**	**49190**
	XL	**49186**	**49191**
	XXL	**49187**	**49192**
Charcoal grey	XS	**55962**	**55968**
	S	**55963**	**55969**
	M	**55964**	**55970**
	L	**55965**	**55971**
	XL	**55966**	**55972**
	XXL	**55967**	**55973**

High-fit back
for added comfort.

Articulated knees
for increased mobility.

XM Coastal

Breathable, waterproof and lightweight : tailored for coastal navigation and equally suitable for sports or outdoor activities.
Ample cut and flexibility provide comfort and ease of movement.
Manufactured from durable polyamide with a hydrophilic coating.

J.M. Liot ©

★ ★ ★★★

Coastal jacket

- Mesh lining inside jacket.
- Fleece-lined collar and chin flap.
- Retro-reflecting tape on chest.
- 2-way zip protected by a double storm flap and drainage channel.
- Adjustable hem tensioner.
- Articulated arms for improved comfort and mobility.
- Rear and inside hanging loops for easy drying.
- 2 pockets with zip closure, fleece-lining, drainage holes and keyclip.
- Inner zipped security pocket.
- 3 loops to secure inflatable lifejacket.

Colour	Size	COASTAL Jacket
Grey/ black	XS	**64093**
	S	**64094**
	M	**64095**
	L	**64096**
	XL	**64097**
	XXL	**64098**
Red/ black	XS	**64099**
	S	**64100**
	M	**64101**
	L	**64102**
	XL	**64103**
	XXL	**64104**

Coastal high-fit trousers

- Mesh lining.
- 1 thigh pocket with waterproof hook'n loop fastener storm flap, drainage holes and keyclip.
- Strong zip closure and waterproof chest-high gusset.
- Ankle tightening with elasticated slanting tabs.
- Elasticated waist and armpits.
- Articulated knees for improved ease of movement.
- Rear hanging loop for easy drying.
- Reinforced knees and seat.
- Crotch features concealed internal seams to prevent chafing.

Colour	Size	Ref.
Black	XS	**64105**
	S	**64106**
	M	**64107**
	L	**64108**
	XL	**64109**
	XXL	**64110**

Neon yellow, high visibility stiff peaked hood with drawstring single-handed adjustment around the face.

Fleece-lined collar and chin flap.

Wide adjustable elasticated braces with reinforced seams.

Adjustable double cuffs : outer cuff adjusts with elasticated tightening tab ; inner cuff waterproofness is ensured by a PU seal.

2 pockets with zip closure, fleece-lining, drainage holes and keyclip.

zhik

MADE FOR WATER®

OFFSHORE COASTAL INSHORE

PLASTIMO
WWW.PLASTIMO.COM

PLASTIMO, OFFICIAL DISTRIBUTOR
FOR FRANCE, FRENCH CARIBBEAN & BELGIUM

Horizon oilskin

Lightweight foul weather gear, soft and resistant fabric.
Made from yellow colour 50% PVC, 50% PU.
Absolute watertightness is ensured by high frequency welded eams.

Horizon high-fit trousers

- Broad, adjustable elastic braces.
- Reinforced seat patch, for extra durability.
- Elasticated waist band in the back.
- Gusseted front with storm flap, closed by press-studs.
- Hook'n loop fastener closure.

Size	HORIZON Jacket	HORIZON Trousers
XS	**64037**	-
S	**64038**	**64042**
M	**64039**	**64043**
L	**64040**	**64044**
XL	**64041**	**64045**

Horizon jacket

- Hood with drawstring and self-locking toggles.
- Zip closure and hook'n loop fastener closure storm flap.
- 2 roomy front pockets with hook'n loop fastener flap.
- Elasticated inner cuffs.

Boots

Cruising boots

- High boots.
- Navy blue natural rubber.
- Non-slip razor cut rubber outsole with drainage channels.
- Removable footbed.
- Heel, toe and instep outer rubber reinforcement.

Size EU	Size UK	Reference
36	3 ½	**54126**
37	4	**54127**
38	5	**54128**
39	6	**54129**
40	6 ½	**54130**
41	7	**54131**
42	8	**54132**
43	9	**54133**
44	10	**54134**
45	10 ½	**54135**
46	11	**54136**

Seashore

Yacht jacket

Breathable and fully waterproof versatile jacket, with fleece lining for additional thermal insulation. A warm and snug garment for inshore sailing or onshore activities. Made from water-repellent 2-layer polyamide with hydrophilic coating.

	Navy	Charcoal grey
XS	**52772**	**52774**
S	**49253**	**49263**
M	**49254**	**49264**
L	**49255**	**49265**
XL	**49256**	**49266**
XXL	**49257**	**49267**

Features	Yacht	Light Yacht
Articulated arms	✔	✔
Lining	Fleece-lining body, taffeta quilted sleeves	Mesh lining
Fastening	Concealed zip	Front zip fastening
Knitted cuffs & hem	Knitted cuffs & hem, elasticated for optimum comfort	Elasticated cuffs with tightening tab
Elasticated hem	-	✔
Stand-up collar	✔	✔
Fleece-lined collar & chin flap.	✔	-
Pockets	2 lined, zipped pockets with waterproof storm flap	2 zipped pockets with waterproof storm flap
Security pocket	✔	✔
Loop in the back to hang to dry	✔	✔

Jacket Light Yacht

Breathable and fully waterproof windcheater jacket, with mesh lining for additional lightness. A light but efficient protection for daily sailing by mild weather or strolling around the marina. Made from water-repellent 2-layer polyamide with hydrophilic coating.

	Charcoal grey
XS	**56899**
S	**56900**
M	**56901**
L	**56902**
XL	**56903**
XXL	**56904**

Custom embroidery or screen-print for promotional purposes (Light Yacht jacket) : a zip on the lining provides easy access to the back or chestfor logo or name marking.

Regular fit on men's jacket.

Slim fit on women's jacket.

Softshell hooded jacket

Breathability and thermal comfort, lightweight and freedom of movement.

Warm windbreaker with close-fitting and stretchy garment.
Resistant to humidity and abrasion : suitable for outdoor activites.

- 95% polyester and a 5% touch of spandex for stretch comfort.
- Breathable and water repellent.
- Colour : black.
- Polar microfleece lining.
- Removable zippered hood, insulated with micropolar fleece lining.
- Close-fitting and adjustment : tightening at hood, hem and wrists.
- Zippered pockets : 3 outside, 1 inside.
- Subtle Plastimo embroidery on upper back.

Size	Women	Men
XS	**66025**	**-**
S	**66026**	**66030**
M	**66027**	**66031**
L	**66028**	**66032**
XL	**66029**	**66033**
XXL	**-**	**66034**

Removable hood with microfleece lining for added warmth.
Adjustable hood depth with Velcro tape.
Hood opening adjusted by drawcord.

100% polyester lining with mesh at armholes. Fleece lined collar.

Inside : 2 zippered pockets, one of which with slot to run headphones cable through.

Ideal as team or corporate clothing : easy access on chest and upper back of the vest for logo embroidery or screenprinting.

Bodywarmer

Comfort and warmth, unrestricted mobility. Equally suitable on board or in the marina, as well as for any outdoor activity.

- 100% padded polyester.
- Water-repellent with waterproof zips.
- Fleece lining in pockets and collar.
- 2 zippered handwarmer pockets.
- 2 zippered inner pockets (1 pocket with slot to run headphones cable through).
- Subtle Plastimo embroidery on upper back.
- Unisex tailored.

Size	White	Navy blue
XS	**66045**	**66148**
S	**66046**	**66149**
M	**66047**	**66048**
L	**66146**	**66049**
XL	**66147**	**66050**

Regular fit on men's sweater.

Slim fit on women's sweater.

Microfleece full zip sweater

Warm and comfortable, lightweight and breathable. Excellent middle layer.

- Navy blue colour.
- Centre front zipper.
- 2 zippered pockets.
- Flatlocked seams on sleeves.
- Elasticized hem and wrists.
- Subtle Plastimo embroidery on upper back.

Size	Women	Men
XS	**66035**	-
S	**66036**	**66040**
M	**66037**	**66041**
L	**66038**	**66042**
XL	**66039**	**66043**
XXL	-	**66044**

Drysuits

Safety begins with the protection of the sailor, with equipment that keeps him warm and dry in order to be focused on the right action at the right time.
To meet the needs of foilers and sportsboats, Plastimo has selected Typhoon, the reference in personal protection.

- 4 models including 1 Junior : waterproof and breathable, YKK® aquaseal con zip.
- Adapted to the majority of practices : sailing, catamaran, kayak, white water…
- 1 Beadnell Ezeedon model also available in Women fit.

CE TYPHOON

Hinge entry.

PS440 Hinge entry suit

Flagship drysuit : cutting edge zip off storm collar system, splash proof map pocket and attachment patch on sleeve.

A favourite for lots of practices.

- Glideskin Neoprene neck and cuff seals.
- Ergonomic adjustable hood.
- SOLAS reflective tape across shoulders.
- Cordura reinforced seat and knee pads.
- Removable neoprene seat inserts.
- YKK® aquaseal con zip.
- Fabric socks.
- Articulated for ease of movement.
- Can be weared with boots.
- D ring and elastic hoop inside pockets.
- Internal braces with Neoprene over shoulders.

Colours : Red and black.
Changing mat bag included.

Storm collar and hood fleece.

Sizes	XS	S	SM	M	MB	LM	L	LB	XL	XXL
Ref.	**67959**	**67960**	**67961**	**67962**	**67967**	**67963**	**67964**	**67968**	**67965**	**67966**
Height (cm / inches)	165 / 5'4"	170 / 5'6"	173 / 5'8"	178 / 6'0"	178 / 6'0"	178 / 6'0"	188 / 6'2"	188 / 6'2"	193 / 6'4"	198 / 6'6"
Chest (cm / inches)	86 / 34"	91 / 36"	96 / 38"	102 / 40"	117 / 46"	107 / 42"	112 / 44"	122 / 48"	117 / 46"	122 / 48"

Dry during competition, maintenance and inspection of the hull.

Max B
Front entry suit

A class leader for over 20 years : offers the wearer a high performance, robust drysuit with comfortable front entry system.

- Fleece lined storm collar.
- Adjustables internal braces.
- Cordura reinforced seat and knee pads.
- Removable neoprene seat inserts.
- YKK® aquaseal con zip.
- Fabric socks.
  - Can be weared with boots.
  - Articulated for ease of movement.

Colours : Black and red.
Changing mat bag included.

Front entry, double YKK® aquaseal zip.

Glideskin Neoprene neck and cuff seals.

Sizes	S	SM	M	MB	LM	L	LB	XL	XXL
Ref.	**67930**	**67931**	**67932**	**67937**	**67933**	**67934**	**67938**	**67935**	**67936**
Height (cm / inches)	170 / 5'6"	173 / 5'8"	178 / 6'0"	178 / 6'0"	178 / 6'0"	188 / 6'2"	188 / 6'2"	193 / 6'4"	198 / 6'6"
Chest (cm / inches)	91 / 36"	96 / 38"	102 / 40"	117 / 46"	107 / 42"	112 / 44"	122 / 48"	117 / 46"	122 / 48"

Glideskin neoprene neck.

Latex socks.

Back entry

Rhossilli Junior drysuit
Back entry

Perfect entry level junior drysuit : keep the wearer warm and dry with featuring articulation for ease of movement.

- Glideskin neoprene neck and cuff seals.
- Elasticated back waist.
- Internal adjustables braces.
- Reinforced knees.

Colours : Black and orange.

Sizes	Junior S	Junior M	Junior L/XL
Ref.	**70920**	**70921**	**70922**
Height (cm / inches)	135 / 4'5"	145 / 4'9"	158 / 5'2"
Chest (cm / inches)	69 / 27"	76 / 30"	81 / 32"

TYPHOON

CE

Beadnell Ezeedon Women drysuit
Front entry suit

Sizes	S	SR	SM	M	LM	LR	L
Ref.	**70933**	**70938**	**70934**	**70935**	**67955**	**70939**	**70937**
Height (cm/inches)	157/5'2"	163/5'4"	163/5'4"	168/5'6"	173/5'8"	173/5'8"	178/5'10"
Chest (cm/inches)	86/34"	91/36"	107/42"	96/38"	102/40"	117/46"	107/42"

Beadnell Ezeedon Men drysuit
Front entry suit

Men's dry suit that combines mobility and comfort : one of the lightest suits to wear, articulated throughout and the easiest to put on. Can be used for both kayaking and jet skiing.

Perfect for all your water sports needs.

- Front entry diagonal YKK® aquaseal zip with zipped cover.
- Glideskin neoprene neck and cuff seals.
- Elasticated back waist.
- Internal braces.
- PU reinforced knees and seat.
- Fabric socks.
- Articulated for ease of movement.

Colour : Black.

Double YKK® aquaseal zip.

PU reinforcement.

Waterproof zip pocket.

Sizes	S	SM	M	MB	LM	L	LB	XL	XXL
Ref.	**70924**	**70925**	**70926**	**70931**	**70927**	**70928**	**70932**	**70929**	**70930**
Height (cm / inches)	170 / 5'6"	173 / 5'8"	178 / 6'0"	178 / 6'0"	178 / 6'0"	188 / 6'2"	188 / 6'2"	193 / 6'4"	198 / 6'6"
Chest (cm / inches)	91 / 36"	96 / 38"	102 / 40"	117 / 46"	107 / 42"	112 / 44"	122 / 48"	117 / 46"	122 / 48"

Activ' waterproof protection

Stan Thuret on
Figaro Beneteau 3 Everial.

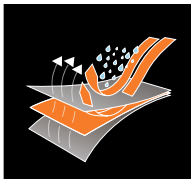
Activ' Coolmax® socks

100 % waterproof, breathable and windproof socks.
Coolmax® specific knit technology provides a very quick drying capacity.
• Outer shell : 98 % nylon, 2 % elastane.
• Inner shell : 70 % Coolmax®, 30 % nylon.
• Available in high and mid versions.

Height High	Height Mid	Size	Foot (cm)	EURO	USA	UK	Heigth (cm) High / Mid
68913	**67399**	S	22-24	36-38	4-6	3-5	33/18
68914	**67400**	M	24-26	39-42	6.5-9	6-8	34/19
68915	**67401**	L	26-28	43-46	9.5-12	9-11	39/23
68916	**67402**	XL	28-30	47-49	12.5-14.5	12-14	40/24

100 % waterproof

Breathable & wind-cheater.
Seamless.
8 000 mm waterproof membrane.
10 000 g/m² breathable membrane.



Breathable and anti-microbial,
the merino wool regulates the heat.
It reduces odours and absorbs humidity,
providing a dry cosy feeling during effort.

Activ' merino socks

• Outer shell : 98 % nylon, 2 % elastane.
• Inner shell : 40 % merino wool, 40 % acrylic, 20 % nylon.
• Available in high and mid versions.

Height High	Height Mid	Size	Foot (cm)	EURO	USA	UK	Height (cm) High / Mid
68917	**67403**	S	22-24	36-38	4-6	3-5	33/23
68918	**67404**	M	24-26	39-42	6.5-9	6-8	34/24
68919	**67405**	L	26-28	43-46	9.5-12	9-11	39/29
68920	**67406**	XL	28-30	47-49	12.5-14.5	12-14	40/30

Activ' beanie hat

67410

100 % waterproof, warm, breathable and wind cheater beanie hat.
One size fits all.
• Outer shell : 100 % acrylic.
• Inner shell : 100 % microfleece.

Activ' merino gloves

Two screen-sensitive fingers.
Anti-slip on hand palm.
• Outer shell :
84 % nylon,
16 % elastane.
• Inner shell :
40 % merino wool, 40 % nylon,
18 % polyamide,
2 % elastane.

Ref.	Size
67407	S
67408	M
67409	L
67707	XL

QUALITY • COMFORT • DURABILITY

ENJOY YOUR SAILING

Our selection of the best materials and quality construction guarantees optimal comfort and increased durability, whatever the weather

www.plastimo.com

XM YACHTING

Shoes

Quality, comfort and durability : our selection of the best materials and quality construction guarantees optimal comfort and increased durability. To enjoy your sailing whatever the weather conditions.

JM Liot ©

Men models

Women models

Crew shoes

The traditional flexible pull up kip leather deck shoe.
- High colour fastness.
- All materials are water resistant.
- Flexible and nonslip TR* and rubber double sole with Blake sewing.
- Ergonomic and comfortable insole offering increased thermal insulation.
- Leather lace.

* Thermoplastic Rubber

MEN		
EURO size	**Navy blue leather**	**Brown leather**
40	**67445**	**67452**
41	**67446**	**67453**
42	**67447**	**67454**
43	**67448**	**67455**
44	**67449**	**67456**
45	**67450**	**67457**
46	**67451**	**67458**

WOMEN		
EURO size	**Nubuck blue leather**	**Navy blue leather**
36	**67459**	**67465**
37	**67460**	**67466**
38	**67461**	**67467**
39	**67462**	**67468**
40	**67463**	**67469**
41	**67464**	**67470**

Sport shoes

The ultimate generation of moccasin engineered with the technology and comfort of sport shoes.
- Flexible pull up kip leather with lateral mesh for increased breathability.
- Kip leather lining.
- Shock-resistant insole with antibacterial lining fabric.
- Extremely flexible 100 % rubber sole with high lateral stability and drainage channels : for outstanding grip on wet decks.
- Highly resistant lateral sewing and nylon lace.

EURO size	Brown leather	Nubuck navy blue/red leather
40	**53965**	**67471**
41	**53966**	**67472**
42	**53967**	**67473**
43	**53968**	**67474**
44	**53969**	**67475**
45	**53970**	**67476**
46	**53971**	**67477**

Size equivalence

	MEN		WOMEN	
EURO	**US**	**UK**	**US**	**UK**
36	-	-	5	3.5
37	-	-	6	4.5
38	-	-	6.5	5
39	-	-	7.5	6
40	8	6.5	8	6.5
41	9	7.5	9	7.5
42	9.5	8	-	-
43	10.5	9	-	-
44	11	9.5	-	-
45	12	10.5	-	-
46	12.5	11	-	-

Horizon oilskin

Lightweight foul weather gear, soft and resistant fabric.
Made from yellow colour 50% PVC, 50% PU.
Absolute watertightness is ensured by high frequency welded eams.

Horizon high-fit trousers

- Broad, adjustable elastic braces.
- Reinforced seat patch, for extra durability.
- Elasticated waist band in the back.
- Gusseted front with storm flap, closed by press-studs.
- Hook'n loop fastener closure.

Size	HORIZON Jacket	HORIZON Trousers
XS	**64037**	-
S	**64038**	**64042**
M	**64039**	**64043**
L	**64040**	**64044**
XL	**64041**	**64045**

Horizon jacket

- Hood with drawstring and self-locking toggles.
- Zip closure and hook'n loop fastener closure storm flap.
- 2 roomy front pockets with hook'n loop fastener flap.
- Elasticated inner cuffs.

Boots

Cruising boots

- High boots.
- Navy blue natural rubber.
- Non-slip razor cut rubber outsole with drainage channels.
- Removable footbed.
- Heel, toe and instep outer rubber reinforcement.

Size EU	Size UK	Reference
36	3 ½	**54126**
37	4	**54127**
38	5	**54128**
39	6	**54129**
40	6 ½	**54130**
41	7	**54131**
42	8	**54132**
43	9	**54133**
44	10	**54134**
45	10 ½	**54135**
46	11	**54136**

Gloves

First + Gloves

Sailing gloves made of very soft leather, salt water treated, double seams, cuff with a hook'n loop fastener, Spandex top for an optimal comfort. Leather strengthened palms and fingers.

Size	2 short fingers	5 short fingers
XXS	**2102019**	**2102049**
XS	**2102020**	**2102050**
S	**2102021**	**2102051**
M	**2102022**	**2102052**
L	**2102023**	**2102053**
XL	**2102024**	**2102054**
XXL	**2102025**	**2102055**

Team Gloves

Sailing gloves made of soft Amara, double seams.

Strengthened palms and fingers to keep a good adhesion on ropes and to improve the abrasion resistance. Spandex top for an optimal comfort. Very comfortable even when wet.
Quick-drying.

Size	2 short fingers	5 short fingers
XS	**2102120**	**2102150**
S	**2102121**	**2102151**
M	**2102122**	**2102152**
L	**2102123**	**2102153**
XL	**2102124**	**2102154**
XXL	**2102125**	**2102155**

Rigging Gloves

Must-have for regatta!

Sailing gloves made of soft Amara, double seams.
Griptech strengthed on palms and fingers in order to keep a good adhesion on ropes and to improve the abrasion resistance. Spandex top for an optimal comfort. Very comfortable even when wet. Quick-drying.

Size	2 short fingers	5 short fingers
S	**2102220**	**2102250**
M	**2102221**	**2102251**
L	**2102222**	**2102252**
XL	**2102223**	**2102253**
XXL	**2102224**	**2102254**

Storm + Gloves

Warm sailing gloves for regatta.

2 mm neoprene fabric construction, Griptech strengthen on palms to keep good adhesion on ropes. Amara strengthen on fingers. Double seams. Perfect for winter and mid-season use.

Size	
S	**2101405**
M	**2101406**
L	**2101407**
XL	**2101408**

Sunglasses

High quality polycarbonate lenses with **polarized technology** to reduce glare on the water surface.
Top visual clarity with no image distortion.
Rectangular lightweight frames are ideal for boating and water activities.

- Sun protection category 3.
- Protect from 100 % UVA, AVB and AVC.

CE

Aldabra

- Matt blue - lime rubber inserts : **2421590**
- Glossy black / blue - Red rubber inserts : **2421591**
- Titanium grey - Green rubber inserts : **2421592**

O'WAVE

Marutea

Navy blue : **67391**

Greyhound

Blue, green rubber **2421575**

Tuamotu

Tortoiseshell **2421622**

Nukuloa

Blue, yellow rubber **2421645**

Ravahere

Black, green rubber **2421657**

Sunglasses supplied with fabric pouch, protective case and cleaning cloth.

Taenga

• Wood, mirror coating : **67394**

• Brown : **67395**

Mataiva

Women model.

• Tortoiseshell : **67393**

• Brown : **67392**

Timoe

Teenage model.

• Orange, mirror coating : **67396**

JM Liot ©

JM Liot ©

Hao

Child model.

• Blue : **67398**

• Pink : **67397**

Eyeglass cords

Eyeglass cords. Assorted colors.
Batch selling for professional: 6.

Ref.	Designation	Description	Clamping ring	Floating
2321101	**Basic**	Light, fastening rings on the arms. Steel springs and clips.	-	-
2321103	**Pro**	Mini halyard, fastening latex rings on the end of the arms. Clamp ring.	✔	-
2321104	**Duo**	Mini halyard, double fastening system. Clamp ring.	✔	-
2321115	**Silicon**	Silicone cords. Original design. Fastening rings on the end of the arms.	-	-
2321106	**Neoprene**	Large neoprene strip (non-floating).	-	-
2321108	**Floating Duo**	Large foam float on mini halyard Ø 3.5 mm to ensure the buoyancy of the sunglasses. Double fastening system. Clamp ring.	✔	✔
2321109	**Floating 2**	Floating cords. Synthetic jersey tube with foam padding. Fastening latex rings on the end of the arms.	✔	✔
2321110	**Floating 3**	Floating cords. Synthetic jersey tube with foam padding. Fastening rings on the end of the arms.	✔	✔
2321117	**Floating 4**	Halyard with two floats. Fastening rings on the end of the arms.	✔	✔

Chums offers a wide range of lightweight and practical eyeglass cords, floating key rings and a floating wallet.
Batch selling for professional : 6.

2311016

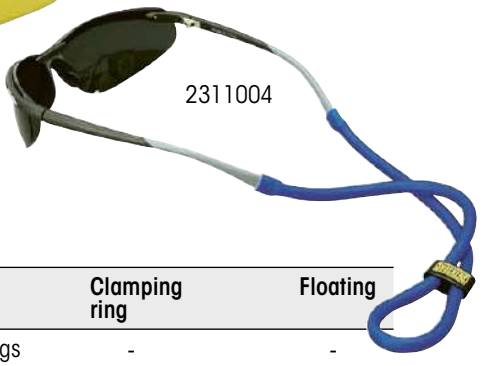
2311121

2311204

2312005

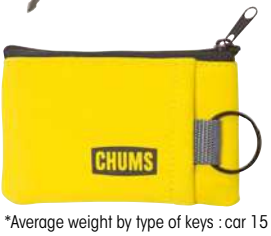
2312009

2312006


2311004

Ref.	Designation	Description	Clamping ring	Floating
2311016	**Tech cord**	Translucent plastic eyeglass cord. Fastening rings on the arms.	-	-
2311121	**Rope slip fit**	Mini halyard, fastening moulded rings on the arms.	✔	-
2311004	**Halfpipe**	Latex eyeglass, fastening rings on the end of the arms.	✔	-
2311204	**Fish Tip**	Mini halyard. Fastening "fishing" rings on the end of the arms.	✔	-
2312009	**Glassfloat classic**	Jersey tube with foam padding. Fastening rings on the arms.	✔	✔
2312006	**Powercord glassfloat**	Mini halyard with float. Fastening latex rings on the end of the arms.	✔	✔
2312005	**Floating neo**	Neoprene tube with foam padding.	-	✔

Floating key ring
2313001
Latex and foam. Worn on the wrist.
Buoyancy* : 28 g.



Floating wallet
2313009
Floating wallet with key ring.
Buoyancy* : 75 g.

*Average weight by type of keys : car 15 g, boat or motor 10 g, padlock 8 g.

Neoprene floating key ring
2313013
Neoprene and foam.
Buoyancy* : 40 g.

Cap retainer
2313007
Lightweight braided cord, tough bulldog clips hold fast.

Bags

Waterproof bags

The Plastimo range of duffel bags is innovating, versatile, waterproof and features a rugged construction.
Smart design with clever features : definitely ideal for watersports and seaside activities.

Waterproof duffel bag

Large capacity full waterproof duffel bag.

2 reflective patches on each side.

Large inner pouch.

Extendable weatherproof duffel bag

Versatile & robust construction. Can be carried and used in a variety of ways.
Variable capacity according to use.

Same bag ref. 64695, shown here in compact version (extension gusset zipped = 60 L) and in deployed version (extension gusset unzipped = 80 L).

Roomy mesh pocket inside.

	Waterproof duffel bag **• 80 L : 64698**	**Extendable weatherproof duffel bag** **• 60/80 L : 64695**
Colour	**Black / Grey**	**Blue**
Fabric performance	Tough 500D Tarpaulin. Waterproof construction with heat welded seams. IP66 protection rating.	Tough 500D Tarpaulin. IP64 protection rating.
Comfort	- Roll-down closure system + lateral buckles. - Removable shoulder strap and large top carry handles also allow use as a backpack. - Rubber haul handles. - Large inner pouch.	- Extendable bag : unzip one or both extension gussets. - Large opening on top for easy access to packaging space. Waterproof zip. - Roomy mesh pocket inside. - Backpack adjustable padded straps for maximum comfort. - Padded top carry handles. - Rubber haul handles. - 4 rubber feet to reduce chafing and rubbing.
Visibility	4 reflective patches (2 on each side)	-
Dimensions	- 80 L : Ø 37,5 x 75 cm	- 60 L : Ø 38 x 55 cm (70 cm when bag fully extended)

Capacity : 45 liters

IP66

1 bag, 2 capacities : 20 to 40 L.

Roll-down closure system. Inner pouch with zip.

Waterproof drybag

64693

Perfectly adapted to carry and protect safety equipment or personal belongings.
Bag in tough 500D Tarpaulin.
Backpack shoulder straps for optimal comfort.
Dim. : Ø 29.5 cm x H 92 cm.

IP66

Double shoulder rope, adjustable in length : carry it on your shoulder or as a backpack.

Barrel bag

- **Orange/black : 66058**
- **White/navy : 66059**

All-rounder dry tube, protects and carries your personal essentials when practising watersports or outdoor activities by the seaside.

Waterproof, IP66 rating : thermo-welded seams, roll-down closure with buckle and strap.

Tough abrasion resistant materials : Tarpaulin 500D and Polyester 600.

- **Capacity : 20 L.**
- Dimensions : Ø 26 cm x height 48 cm.

Practical top carry handle

Waterproof bags

O'WAVE presents a large collection of colourful waterproof bags. Bags from 2 to 50 litres will keep your things dry during all your nautical activities : stand-up-paddle, kayak, sailing… There is one for everyone !

IP66

« Tonic » waterproof bags

Terylene 210T, polyester fabric with PVC coating. Lightweight and flexible.
See-through. Waterproof seal by rolling (3 times) and clip fastener.

Ref.	Model	Capacity*	Fabric	Dimensions (H unfolded bag x ø)	Weight	Colour
2340302	Waterproof bag « Tonic » 2 L	2 L	210T Terylene, PVC	28 x ø 12 cm	50 g	Aquablue + See-through
2340305	Waterproof bag « Tonic » 5 L	5 L	210T Terylene, PVC	35 x ø 18 cm	80 g	Aquablue + See-through
2340310	Waterproof bag « Tonic » 10 L	10 L	210T Terylene, PVC	47 x ø 20.5 cm	135 g	Aquablue + See-through

* Indicative volume.

IP66

Reinforced waterproof bags

Tarpaulin 500D, polyester fabric with PVC coating. Heavy duty for durability.
Back adjustable shoulder strap. Waterproof seal by rolling (3 times) and clip fastener.

Reinforced waterproof bags can be used as drybags to store safety equipment.

Ref.	Model	Capacity*	Fabric	Dimensions (H unfolded bag x ø)	Weight	Colour
2340320	Strengthened waterproof bag 20 L	20 L	500D Tarpaulin	61 x ø 23.5 cm	360 g	Orange
2340330	Strengthened waterproof bag 30 L	30 L	500D Tarpaulin	67 x ø 27 cm	515 g	Orange
2340350	Strengthened waterproof bag 50 L	50 L	500D Tarpaulin	72 x ø 33 cm	620 g	Orange

* Indicative volume.

O'WAVE

O'Wave waterproof bags with the addition of a heather grey colourway, twisted with vibrant neon details for functionality and style.
IP66 protection rated thanks to double coated polyester fabric, with a textile look and feel that gives an extra touch of elegance.

- Material : Tarpaulin 500D.
- Polyester fabric 500 g/m² with double coating.
- Very heavy duty for durability.
- Colour : heather grey.

IP66

Reinforced backpack
67365

Waist belt. Reinforced back and straps.
Zipped IP64 pocket on the front.
Inside pocket for tablet.
Waterproof seal by rolling (3 times) and clip fastener.

- Capacity : 38 L (indicative volume).
- Dimensions : 72 x Ø 24 cm.
- Weight : 630 g.

IP66

Backpack with valve
68941

Reinforced back and straps. The valve allows to inflate the bag to make it buoyant or evacuate air trapped to optimize the volume of the bag in relation to its contents.
Waterproof seal by rolling (3 times) and clip fastener.

- Capacity : 30 L (indicative volume).
- Dimensions : 68 x Ø 25.5 cm.
- Weight : 680 g.

IP64

Duffel bag
68942

Two large reinforced carrying handles. Adjustable removable shoulder strap. Lengthwise closing.

- Capacity : 25 L (indicative volume).
- Dimensions : 47 x Ø 25 cm.
- Weight : 455 g.

Waterproof pouches

Protected against water submersion at 1.5 m for 30 minutes.

O'WAVE

Waterproof pouches "Les Givrées"

- Black : **2340141**
- Peppermint : **2340143**
- Blue : **2340142**

Made in translucent E.V.A material chosen for its flexibility and resistance.
Fast opening and closing with clipping clasp.
Call and touch-sensitive functions available when the smartphone is inside.
Compatible with smartphone models.

Reinforced waterproof pouches

Opening and closing with snap button and triple zip to guarantee waterproofness. Ideally suited to documents, liferaft check book, nautical chart, camera, VHF, smartphone, GPS…
Translucent welded plastic.
5 different models.

Ref.	Dimensions	Model
2340122	9.8 x 21.8 cm	For smartphone 5''
2340123	13.5 x 41 cm	For VHF
2340124	13.5 x 22 cm	For documents size S
2340125	18 x 25 cm	For documents size M
2340126	25 x 36 cm	For documents size L

10" waterproof pouch

2340154

Waterproof pouch for tablet or laptop made in transparent welded plastic. Opening and closing with snap button and triple zip to guarantee waterproofness.
Jack 3.5 mm plug for waterproof earphone (sold separately). Adjustable strap.
Dimensions: 21.5 x 29 cm.

Waterproof pouches "Les Acidulées"

2340149

Colored waterproof pouch for Smartphone.
Closing and opening by hook and loop fastener and triple zip ensuring waterproofness.
Assorted colors.
Dimensions : 19 x 10 cm.

Waterproof earphones

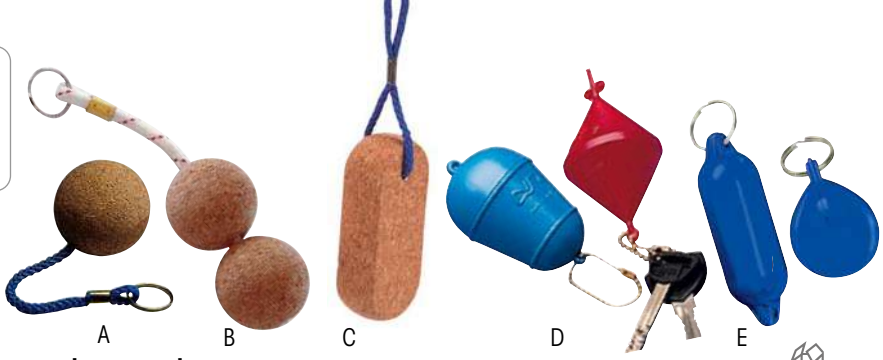
2340153

Waterproof earphones + 1.10 m cable.
Compatible with 10" waterproof pouch ref. 2340154.

Key rings

Key rings
18244

Set of 10 polished brass key rings.



Floating key rings

	Model	Ref.	Buoyancy*
A	1 Cork ball	**13391**	52 g
B	2 Cork balls	**412500**	104 g
C	Oval cork Yachticon	**2214028**	52 g
D	Mooring buoy**	**44526**	Biconical 44 g / Spherical 88 g
E	Soft glossy PVC sphere	**63920**	25 g
	Soft glossy PVC fender	**63921**	

* Average weight by type of keys : car 15 g, boat or motor 10 g, padlock 8 g.
** 10 models of assorted colours.

Knives & tools

Large range of knives selected by Plastimo that meet the need of all the boaters. All knives are adapted to marine environment with stainless steel blade.

Care instructions : we advice you to regulary rinse your knife with clear water.

MAC COLTELLERIE

St. steel knife
36087

Flat stainless steel knife, easily fits in a pocket.

Multi-skilled knife
36088

Multi-skilled knife, ergonomic handle.

100% italian quality

Underwater hunting knife
36082

Underwater hunting floating knife, large blade, light and stiff sheat, connecting strap for waist or calf, soft and secure handling grip.

Description	St. steel knife	Multi-skilled knife	Underwater hunting knife
Ref.	**36087**	**36088**	**36082**
Blade	Serrated	Serrated	Serrated
Folding inox blade	✓	✓	-
Shackle key	✓	✓	✓
Spike	✓	✓	-
Bottle opener	✓	✓	-
Unfolded knife length	18.5 cm	18.5 cm	27 cm
Folded knife length	11.5 cm	11 cm	10 cm
Blade length	7.5 cm	8.5 cm	14 cm
Weight	140 g	100 g	85 g
Handle colour	Stainless steel	Black	Orange

Safety knife
65475

Stainless steel blade, sharp cutting inside, round outside for safe stowing.
Highly visible plastic non-slip handle, ergonomic for perfect grip in an emergency.
Length : 13.5 cm
Weight : 56 g.
Supplied with durable casing that can be attached to belt or lifejacket.

Safe Black multi-tool

67425

Black anodized aluminum multi-tool knife **(18 tools)** with safety locking : plain blade, serrated blade, saw, pliers, file, spike, bottle opener, can opener.

Comes with 3 sizes flat screwdriver, 3 sizes Phillips screwdriver, 3 sizes allen key screwdriver.

Safe Wood multi-tool

67426

Wood coated anodized aluminium knife **(10 tools)** with safety locking : plain blade, serrated blade, saw, pliers, file, spike, bottle opener, can opener, flat screwdriver.

Description	Safe Black multi-tool	Safe Wood multi-tool
Ref.	**67425**	**67426**
Blades	1 plain – 1 serrated	1 plain – 1 serrated
Folding stainless steel blade	✔	✔
Splicing spike	✔	✔
Bottle opener	✔	✔
Open length	16.5 cm	16 cm
Closed length	10.5 cm	10 cm
Primary blade length	5.5 cm	5.5 cm
Weight	300 g	247 g
Handle colour	Black	Wood
Sheath	Rigid, nylon with belt loop	

PLASTIMO

PLASTIMO

Safe Blue knife

67427

All-rounder marine knife with safety locking.
Anodized blue aluminium handle with soft grip.

- Plain blade, serrated blade.
- Folding stainless steel blade.
- Unfolded knife length : 17.5 cm.
- Folded knife length : 10.5 cm.
- Blade length : 7 cm.
- Weight : 80 g.
- Handle color : blue & black.
- Sheath : Nylon with belt loop.

25 year Warranty

LEATHERMAN
Leave nothing undone.

Skeletool® multi-tool

2392956

Multi-tool with **7 tools**, offering just the essential of indispensable functions in a **lightweight** tool : only 142 g.
The Leatherman quality with minimum weight and reduced bulk.
Stainless steel body, 6061-T6 grade aluminium handles.

Stainless steel plain blade, pliers, adapter for function-fittings and carbine hook/bottle opener.
Easily clipped on belt or jacket, no need for a sheath.

- Length : 10 cm
- Blade length : 6.6 cm
- Weight : 142 g

Wave +® multi-tool

2392078

Wave+ is the Leatherman must-have, the most popular and universal unit with **18 tools**.
Rounded handles also make it the most comfortable pliers and knife to hold.
Can be opened and operated with one hand.
Outside accessible features while the tool is in closed position.
7 extra function features inside the tool.
Very handy : every tool feature opens independently from others.
All blades and tools on the handle body lock into place to ensure a safe operation. Once the job is finished, just unlock with your thumb in order to fold the tool and stow it away.

Functions : knife with plain blade + serrated blade, screwdrivers, wire cutters, various pliers, electrical crimper, wire stripper, spring-action scissors, 19 cm ruler, wood/metal file, diamond-coated file, adaptor for fittings, bottle opener, can opener…

420 C stainless steel construction.
Pack includes nylon sheath.

- Closed length : 10 cm.
- Primary blade length : 7.3 cm.
- Weight : 241 g.

Charge TTI +® multi-tool

2392731

The professionals' favourite : the most polyvalent multi-tool with **19 tools**.
With Charge TTI+, you are sure to have the right equipment for all jobs big and small.

Titanium handles make the tool extremely strong, lightweight and corrosion resistant.
Can be opened and operated with one hand.
Outside accessible features while the tool is in closed position.
Very handy : every tool feature opens independently from others.
All blades and tools on the handle body lock into place to ensure a safe operation. Once the job is finished, just unlock with your thumb in order to fold the tool and stow it away.

Functions : knife with plain blade + serrated blade (including a very sharp S30V® blade), screwdrivers, wire cutters, various pliers, electrical crimper, wire stripper, spring-action scissors, 19 cm ruler, wood/metal file, diamond-coated file, adaptor for fittings, bottle opener, can opener…

Titanium handles + stainless steel body and blades.
Pack includes nylon sheath and adaptor for removable fittings.

- Closed length : 10 cm.
- Primary blade length : 7.4 cm.
- Weight : 252 g.

Sidekick® multi-tool

2392438

14-tool unit, perfect for all daily life circumstances and for all budgets.
A great choice for first-time users.

Can be opened and operated with one hand, rounded handles for extra comfort.
Outside accessible features while the tool is in closed position.
Very handy : every tool feature opens independently from others.
All blades and tools on the handle body lock into place to ensure a safe operation. Once the job is finished, just unlock with your thumb in order to fold the tool and stow it away.

Functions : knife with plain blade + serrated blade, screwdrivers, wire cutters, various pliers, electrical crimper, wire stripper, 3.8 cm ruler, wood/metal file, bottle opener, can opener…

HC 420 stainless steel construction.
Pack includes nylon sheath.

- Closed length : 10 cm.
- Primary blade length : 6.6 cm.
- Weight : 191 g.

Rev® multi-tool

2392130

The essential 14 tools :
Leatherman quality at the best price.

Can be opened and operated with one hand. Outside accessible features while the tool is in closed position.

Functions : knife with plain blade in 420 HC steel, package opener, screwdriver, wire cutters, pliers, wire stripper, 3.8 cm ruler, wood/metal file, bottle opener, can opener…

Stainless steel construction.
Comes on its own (no sheath included).

- Closed length : 10 cm.
- Primary blade length : 6.6 cm.
- Weight : 168 g.

Aquaterra knives

The Aquaterra knife is the must-have knife for practising outdoor aquatic sports such as fishing, motor boating, kayaking or even outdoor hobbies

- High cutting power.
- High corrosion resistance.
- Attachment point to fix a wristloop.
- Safety locking blade and soft grip.

MADE IN FRANCE

65271

65974

66587

66588

Plain blade

Serrated blade

Reference	65271	65974	66587	66588
8 cm blade	Plain blade	Plain blade	Plain blade	Plain blade
Corkscrew	-	✓	✓	-
Unfolded knife length	19.5 cm			
Folded knife length	11.5 cm			
Blade length	8 cm			
Weight	60 g	68 g	68 g	75 g
Colour	Blue/White	Red/White	Khaki/Grey	Wood
Stainless steel	Equivalent 420	Equivalent 420	12C27	Equivalent 420

Offshore sailing knives

Designed for sailing and for highly demanding skippers, the "Offshore" knife offers a range of essentiel functions on-board a boat : cutting quality, night visibility, locking blade, one-handed opening, corrosion resistance, mechanical resistance...

Its serrated blade enables you to easily cut all types of modern ropes including Dyneema®.

- Premium stainless steel grade 12C27
- Exceptional cutting power
- Delivered with an adjutable wristloop
- Safety locking blade & soft grip.
- High resistance handle: extreme temperatures -60°C + 100°C

12C27 Stainless steel. High quality. Easy-care and sharpening.

65268

65269

Serrated blade

65270

Reference	65268	65269	65270
8 cm blade	Serrated blade		
Shackle key	-	✓	✓
Spike	-	✓	✓
Bottle opener	-	✓	✓
Unfolded knive length	19.5 cm		
Folded knive length	11.5 cm		
Blade length	8 cm		
Weight	66 g	85 g	85 g
Colour	Neon yellow/Black		Blue/Black
Glow in the dark	✓		-
Stainless steel	12C27		

Safety locking blade.

Good grip.

Black leather sheath

67106

Sea water resistant. Horizontal and vertical carrying. Snap fastner.

For Offshore, Aquaterra and ref. 2340133, 2340132, 36087, 36088 knives.

PLASTIMO
happy boating to you!

Mooring & Tenders

B. Leglatin ©

Inflatable tenders

Slatted, inflatable or full floor tender, rigid inflatable boat… For over 25 years, Plastimo has been designing inflatable crafts to meet the needs of all yachtsmen and rental professionals. Capitalizing on users' feedback, Plastimo keeps on extending its range and incorporating the latest technologies to offer very safe and manoeuvrable boats.

Some hints to select the best tender for you

What kind of tender ?

Slatted floor tender :

Traditional floor, feels stable under the feet. Suitable for occasional or regular use. Good stability when boarding and stepping off.

Full floor tender :

For regular use. Aluminium or wood floor. V-shaped inflatable keel provides very good seaworthiness and manoeuvrability. Good stability when boarding and stepping off.

Inflatable floor tender :

For regular use. Compact and lighter in weight than a slatted floor model of similar size. V-shaped hull contributes to excellent seaworthiness.

Semi-rigid tender :

Intensive use. Best in class for performance. Fibreglass filled polyester or aluminium hull. More manoeuvrable and even safer. Single or double V hull : double hull features a horizontal floor, more comfortable and safer to walk about and allows to mount a console.

Which material ?

PVC ?

Plastimo has selected 1100 Decitex thermowelded PVC Pastel® by Mehler Texnologies, a material developed specifically for inflatables. It consists of a 4-layer coating on a textile fabric that provides optimum resistance to abrasion, UV-rays and marine environment. Pastel® fabric is recyclable and manufactured according to the DIN EN ISO 9001 standard.

Hypalon ?

Hypalon stems from the ORCA technology by Pennel & Flipo®, acknowledged as a sturdy solution used in industrial and professional marine applications. It is a heavy duty material that withstands extreme temperatures and is recommended in tropical areas.

4 year Warranty

Warranty

Our PVC and Hypalon carry a 4-year* warranty. The whole tender has a 2-year warranty. When used in rental applications, all warranties are reduced to 1 year. The warranty does not apply to improper use or normal wear and tear.

*Except Horizon models : 2 years.

What does regulation require ?

As regulation may vary from one country to the next, we recommend that you enquire about local requirements.

- Plastimo tenders inferior to 2.50 m comply with ISO/CD 6185-1 standard.
- As from 2.50 m, all tenders must comply with 2013/53/EU European Directive and carry the CE kite-mark.

All Plastimo tenders come with carrying valise, repair kit, bellows pump and 2 paddles

Plastimo tenders

Ref.	Floor			Semi-rigid tender	Davits stowage	PVC	Hypalon	Maximum load	Maximum power
	Slatted	Inflatable	Full-boards						
Horizon 66572	✔	-	-	-	-	✔	-	180 kg	1.5 kW (2 HP)
Horizon 66573	✔	-	-	-	-	✔	-	250 kg	1.9 kW (2.5 HP)
Horizon 66574	✔	-	-	-	-	✔	-	270 kg	2.5 kW (3.3 HP)
Horizon 66914	✔	-	-	-	-	✔	-	355 kg	4.5 kW (6 HP)
Horizon 66577	-	✔	-	-	-	✔	-	250 kg	1.9 kW (2.5 HP)
Horizon 66578	-	✔	-	-	-	✔	-	290 kg	2.5 kW (3.3 HP)
Horizon 66579	-	✔	-	-	-	✔	-	300 kg	3.7 kW (5 HP)
Horizon 66580	-	✔	-	-	-	✔	-	355 kg	4.5 kW (6 HP)
Raid 61161/61162	✔	-	-	-	-	✔	-	250 kg	2.5 kW (3.3 HP)
Raid 61163/61164	✔	-	-	-	-	✔	-	280 kg	3 kW (4 HP)
Raid 61165/61166	✔	-	-	-	-	✔	-	350 kg	3.7 kW (5 HP)
Raid 66078/66079	✔	-	-	-	✔	✔	-	450 kg	7.4 kW (10 HP)
Fun 61169	-	✔	-	-	-	✔	-	380 kg	3.7 kW (5 HP)
Fun 66081	-	✔	-	-	✔	✔	-	664 kg	6 kW (8 HP)
Fun 66082	-	✔	-	-	✔	✔	-	736 kg	11.03 kW (15 HP)
Fun 66083	-	✔	-	-	✔	✔	-	500 kg	7.4 kW (10 HP)
Trail 66084	-	-	✔	-	✔	✔	-	500 kg	7.4 kW (10 HP)
Trail 66085	-	-	✔	-	✔	✔	-	600 kg	11.2 kW (15 HP)
Trail 66086	-	-	✔	-	✔	✔	-	750 kg	15 kW (20 HP)
Trail 66087	-	-	✔	-	✔	✔	-	850 kg	18.5 kW (25 HP)
Yacht 66088	-	-	-	✔	✔	✔	-	460 kg	4.78 kW (6.5 HP)
Yacht 66089	-	-	-	✔	✔	✔	-	510 kg	7.4 kW (10 HP)
Yacht 66090	-	-	-	✔	✔	✔	-	600 kg	11.2 kW (15 HP)
Yacht 66427	-	-	-	✔	✔	✔	-	640 kg	11.2 kW (15 HP)
Yacht 66091	-	-	-	✔	✔	✔	-	600 kg	11 kW (15 HP)
Yacht 66092	-	-	-	✔	✔	✔	-	500 kg	11.2 kW (15 HP)
Yacht 66093	-	-	-	✔	✔	✔	-	600 kg	11.2 kW (15 HP)*
Yacht 66094	-	-	-	✔	✔	✔	-	380 kg	3.7 kW (5 HP)
Yacht 66095	-	-	-	✔	✔	✔	-	425 kg	7.4 kW (10 HP)
Yacht 66096	-	-	-	✔	✔	✔	-	495 kg	14.7 kW (20 HP)
Yacht 66097	-	-	-	✔	✔	✔	-	495 kg	14.7 kW (20 HP)
Yacht 66098	-	-	-	✔	✔	✔	-	550 kg	14.7 kW (20 HP)
Yacht Hp 65406 / 66102	-	-	-	✔	✔	-	✔	495 kg	14.7 kW (20 HP)
Yacht Hp 65407 / 66103	-	-	-	✔	✔	-	✔	550 kg	14.7 kW (20 HP)
Yacht Hp 66104	-	-	-	✔	✔	-	✔	510 kg	7.4 kW (10 HP)
Yacht Hp 66105	-	-	-	✔	✔	-	✔	520 kg	11.2 kW (15 HP)
Yacht Hp 66106	-	-	-	✔	✔	-	✔	640 kg	11.2 kW (15 HP)
Yacht Hp 66107	-	-	-	✔	✔	-	✔	500 kg	11.2 kW (15 HP)
Tender with fold-down transom 62271	-	-	-	✔	✔	✔	-	460 kg	4.78 kW (6.5 HP)
Folding rigid hull tender 62272	-	-	-	✔	-	✔	-	400 kg	7.4 kW (10 HP)

*18.4 kW (25 HP) if equipped with a jockey console.

Horizon tenders

Slatted floor Horizon

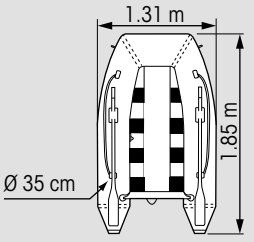
Construction in 1100 Decitex PVC, resistant to UV, abrasion and marine environment.
Light grey colour. Black wooden seat.
Painted wood slats, 15 cm wide.

Slatted floor, 15 cm wide slats

2 year Warranty

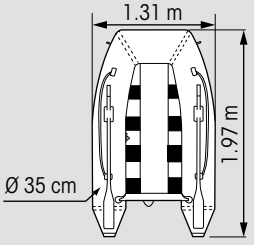
230S

ISO CD 6185



185S

ISO CD 6185



200S

Model	185S	200S
Reference	Grey : **66572**	Grey : **66573**
Max number of persons		
Maximum load	180 kg	250 kg
Overall dimensions	185 x 131 x 47 cm	197 x 131 x 50 cm
Stowed dimensions	102 x 58 x 29 cm	102 x 58 x 29 cm
Weight	14.8 kg	16.7 kg
Maximum power	1.5 kW (2 HP)	1.9 kW (2.5 HP)
Floor	15 cm wide slats	15 cm wide slats
Tube diameter	35 cm	35 cm
Number of air chambers	2	2
Seat	Black wooden seat	
D-towing rings	2	2
Equipment included	Black wooden seat, carrying valise, repair kit, bellows pump, 2 paddles.	

Black polypropylene grabline with yellow fleck, Ø 10 mm for a safe grip.
Line securing point and paddle holder in high grade PVC.

Black wooden seat

Painted wood transom features a PVC gunnel on upper rim to prevent water ingress.

Option

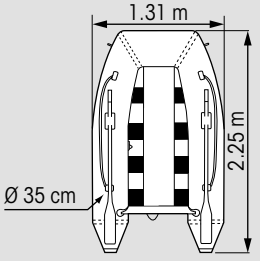
Outboard motor holder

- White : **61535**
- Grey : **65628**

Features a built-in compartment to store the cable neatly.
Fibreglass reinforced polyamide 6 and st. steel screws.
Mounting on Ø 25 mm stainless steel tube.
90 cm st. steel sheathed cable included (Ø 4.2 mm).
Dimensions : 231 x 137 x 47 mm (W x H x Thickn.).

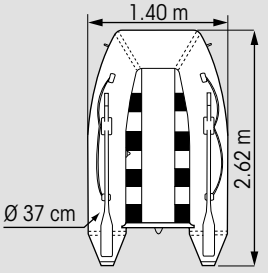
For motor 5 HP max. (30 kg max.).

ISO CD 6185



230S

CE Category C



260S

Model	230S	260S
Reference	Grey : **66574**	Grey : **66914**
Max number of persons		
Maximum load	270 kg	355 kg
Overall dimensions	225 x 131 x 50 cm	262 x 140 x 52 cm
Stowed dimensions	102 x 58 x 29 cm	110 x 57 x 31 cm
Weight	19 kg	21 kg
Maximum power	2.5 kW (3.3 HP)	4.5 kW (6 HP)
Floor	15 cm wide slats	15 cm wide slats
Tube diameter	35 cm	37 cm
Number of air chambers	3	3
Seat	Black wooden seat	
D-towing rings	2	2
Equipment included	Black wooden seat, carrying valise, repair kit, bellows pump, 2 paddles.	

Inflated floor Horizon

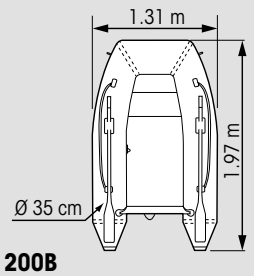
Construction in 1100 Decitex PVC, resistant to UV, abrasion and marine environment.
Light grey colour. Black wooden seat.

Inflatable floor : high pressure floor guarantees perfect rigidity with no distortion, combined with lightweight and excellent stability. Recommended pressure : 600 mBar.

2 year Warranty

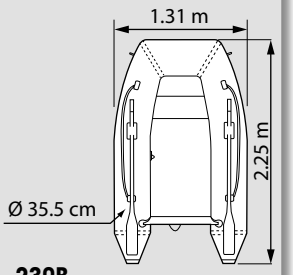
260B

ISO CD 6185



200B

ISO CD 6185



230B

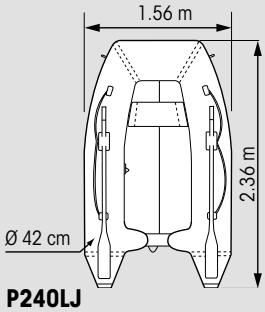
Model	200B	230B
Reference	Grey : **66577**	Grey : **66578**
Max number of persons		
Maximum load	250 kg	290 kg
Overall dimensions	197 x 131 x 50 cm	225 x 132 x 50 cm
Stowed dimensions	102 x 58 x 29 cm	102 x 58 x 29 cm
Weight	16.7 kg	18 kg
Maximum power	1.9 kW (2.5 HP)	2.5 kW (3.3 HP)
Floor	Rigid, inflatable & removable	Rigid, inflatable & removable
Tube diameter	35 cm	35.5 cm
Number of air chambers	2 + 1	3 + 1
Seat	Black wooden seat	Black wooden seat
D-towing rings	2	2
Equipment included	Black wooden seat*, carrying valise, repair kit, bellows pump, 2 paddles.	

Black wooden seat

Black polypropylene grabline with yellow fleck,
Ø 10 mm for a safe grip.
Line securing point and paddle holder in high grade PVC.

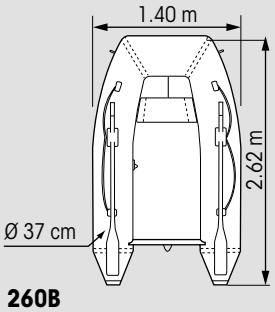
Rigid inflatable tube extensions on both sides of the transom contribute to a lightweight tender, more compact to stow.

ISO CD 6185



P240LJ

CE Category C



260B

Model	P240LJ	260B
Reference	Grey : **66579**	Grey : **66580**
Max number of persons		
Maximum load	300 kg	355 kg
Overall dimensions	236 x 156 x 64 cm	262 x 140 x 52 cm
Stowed dimensions	90 x 57 x 32 cm	112 x 57 x 31 cm
Weight	20 kg	20.7 kg
Maximum power	3.7 kW (5 HP)	4.5 kW (6 HP)
Floor	Rigid, inflatable floor	Rigid, inflatable & removable
Tube diameter	42 cm	37 cm
Number of air chambers	2 + 2	3 + 1
Seat	Black wooden seat	Black wooden seat
D-towing rings	2	2
Equipment included	Black wooden seat, carrying valise, repair kit, bellows pump, 2 paddles.	

RAID tenders

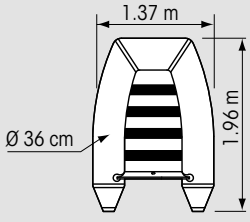
The design makes the most of space on board with additional storage areas and optimum comfort for the crew. The reinforced cones contribute to optimize planing.

4 year Warranty

P220SH

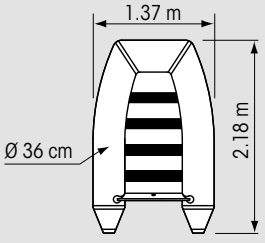
Slatted floor
Reinforced fabric

ISO CD 6185



P200SH

ISO CD 6185



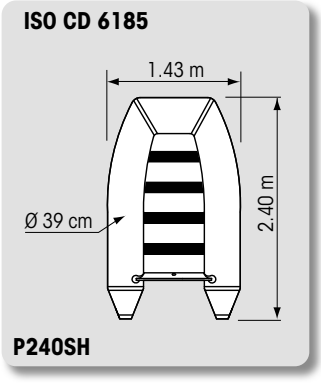
P220SH

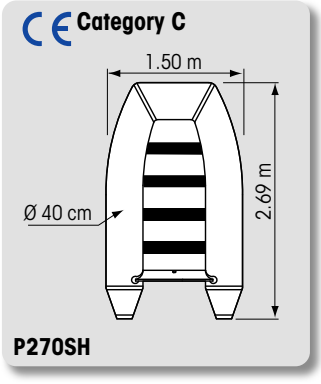
Model	P200SH	P220SH
Ref.	Grey/Dark grey : **61161** Grey/Navy blue : **61162**	Grey/Dark grey : **61163** Grey/Navy blue : **61164**
Max number of persons		
Maximum load	250 kg	280 kg
Overall dimensions Stowed dimensions	196 x 137 x 46 cm 100 x 57 x 27 cm	218 x 137 x 46 cm 100 x 57 x 27 cm
Weight	17 kg	19 kg
Maximum power	2.5 kW (3.3 HP)	3 kW (4 HP)
Floor*	35 cm wide slats	33 cm wide slats
Tube diameter	36 cm	36 cm
Number of air chambers	2	2
Seat	Aluminium seat + seat patches : supplied as standard	
D-towing rings	2	2
Carrying handle	-	-
Equipment included	Valise, repair kit, belows pump, 2 paddels	

*Slats can be taken apart from the tender floor, thus reducing the folded dimensions to a minimum.

With its very wide slats, the Raid series combines the advantages of slats and full floorboards : it rolls up compactly and yet has a perfect rigidity.

P220SH





Model	P240SH	P270SH
Ref.	Grey/Dark grey : **61165** Grey/Navy blue : **61166**	Grey/Dark grey : **66078** Grey/Navy blue : **66079**
Max number of persons		
Maximum load	350 kg	450 kg
Overall dimensions Stowed dimensions	240 x 143 x 51 cm 105 x 57 x 30 cm	269 x 150 x 53 cm 110 x 57 x 30 cm
Weight	21 kg	27 kg
Maximum power	3.7 kW (5 HP)	7.4 kW (10 HP)
Floor*	25 cm wide slats	35 cm wide slats
Tube diameter	39 cm	40 cm
Number of air chambers	2	3
Seat	Aluminium seat + seat patches : supplied as standard	
D-towing rings	2	2
Lifting eyebolts for davits	-	4 (2 at the front, 2 in the back)
Carrying handle	-	3
Equipment included	Valise, repair kit, belows pump, 2 paddels	

*Slats can be taken apart from the tender floor, thus reducing the folded dimensions to a minimum.

P270SH
Aluminium seat, two bow lifting eyebolts for davits.

P270SH
Bow carrying handle.

P270SH
Paddles stowed and secured inside the boat. Two rear lifting eyebolts for davits.

FUN tenders

V-type inflatable hull tenders, for increased lightweight and stability when taking fast rides under power, loaded or not.

4 year Warranty

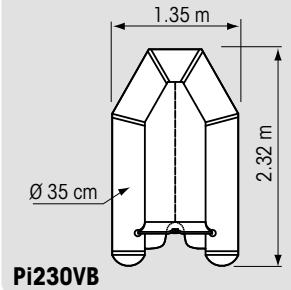
Pi270VB

Pi230VB, Pi270VB, Pi320VB:
V-shape inflatable floor + stabilisers

V-shape rigid inflatable hull (Pi230VB, Pi270VB & Pi320VB).

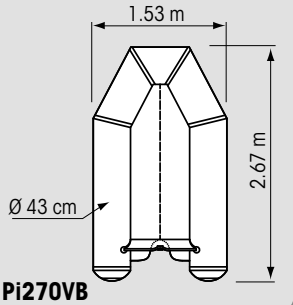
For a comfortable ride, 2 stabilisers extend the inflatable floor. They ease the lift off and keep the boat well balanced throughout the speed band (Pi230VB, Pi270VB & Pi320VB).

ISO CD 6185



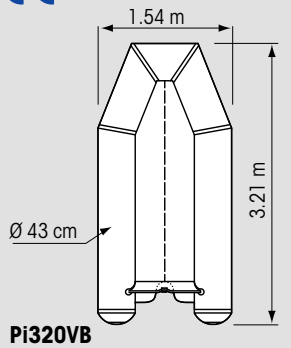
Pi230VB

CE Category C



Pi270VB

CE Category C



Pi320VB

Model	Pi230VB	Pi270VB	Pi320VB
Ref.	Grey/Dark grey : **61169**	Grey/Dark grey : **66081**	Grey/Dark grey : **66082**
Max number of persons			
Maximum load	380 kg	664 kg	736 kg
Overall dimensions Stowed dimensions	232 x 135 x 65 cm 107 x 59 x 32 cm	267 x 153 x 75 cm 112 x 60 x 33 cm	321 x 154 x 75 cm 112 x 60 x 33 cm
Weight	18 kg	27 kg	31 kg
Maximum power	3.7 kW (5 HP)	6 kW (8 HP)	11.03 kW (15 HP)
Floor		Rigid, V-shape, inflatable + flaps	
Tube diameter	35 cm	43 cm	43 cm
Number of air chambers	2 + 2	3 + 2	3 + 2
Seat		Aluminium seat + seat patches : supplied as standard	
Inflatable keel	✔	✔	✔
Reinforced keel	-	-	-
D-towing rings	2	2	2
Lifting eyebolts for davits	-	4	4
Carrying handles	-	3 (1 at the front, 2 in the back)	3 (1 at the front, 2 in the back)
Equipment included		Straps for fuel tank, valise, repair kit, bellows pump, 2 paddles	

Lightweight aluminium seat.

Wheels for tenders with stabilisers

66569

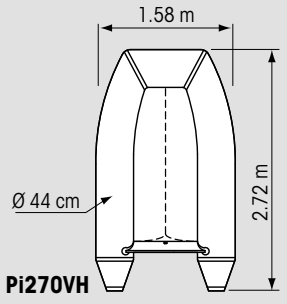
Wheels with stainless steel tracks for tenders with stabilisers. Fixing system mounts on transom. Wheels are easy to secure and remove with locking pin. Fits all Plastimo FUN tenders. Recommended maximum load : FUN Pi320VB + 15 HP engine (approx. 100 kg). Supplied in pairs with mounting instructions and accessories.
(Pi120VB, Pi270VB, Pi320VB & Pi270VH)

Pi270VH : inflatable floor + keel

Inflatable keel (Pi270VH).

Model	Pi270VH
Ref.	Grey/Dark grey : **66083**
Max number of persons	
Maximum load	500 kg
Overall dimensions Stowed dimensions	272 x 158 x 78 cm 112 x 58 x 32 cm
Weight	33 kg
Maximum power	7.4 kW (10 HP)
Floor	Rigid & inflatable
Tube diameter	44 cm
Number of air chambers	3 + 2
Seat	Aluminium seat + seat patches : supplied as standard
Inflatable keel	□
Reinforced keel	□
D-towing rings	2
Lifting eyebolts for davits	4
Carrying handles	3 (1 at the front, 2 in the back)
Equipment included	Straps for fuel tank, valise, repair kit, bellows pump, 2 paddles

CE **Category C**



Trail tenders

1100 Decitex PVC fabric for increased abrasion resistance and extra durability. 4-year warranty on fabric and seams.

Wooden or aluminium full floor Inflatable hull

For an easy ride to the harbour in all seasons and situations.
Inflatable V-type hull, full floor in wood or aluminium.
Also ideal on davits.

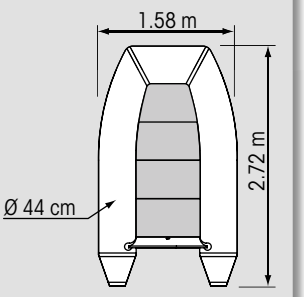
4 year Warranty

P310HA

The square-shaped bow makes the most of space on board, with additional comfort for the crew and optimum storage area, without sacrificing performance and manoeuvrability.

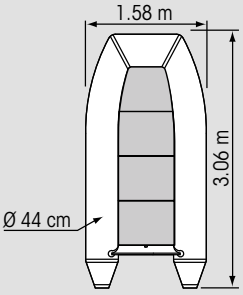
- Innovative design and reinforced stern cones.
- Stylish combination of light grey and slate grey.
- Black polypropylene grabline with yellow fleck, Ø 10 mm for a safe grip.
- Paddle stowage inside the boat.

CE **Category C**



P270KH

CE **Category C**



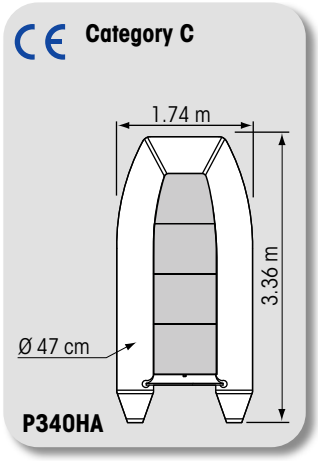
P310HA

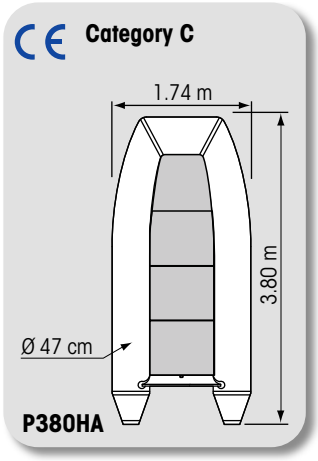
Model	P270KH	P310HA
Reference	Grey : **66084**	Grey : **66085**
Max number of persons/		
Maximum load	500 kg	600 kg
Overall dimensions Stowed dimensions	272 x 158 x 74 cm 110 x 57 x 30 cm	306 x 158 x 75 cm 112 x 58 x 35 cm
Weight	49 kg	52 kg
Maximum power	7.4 kW (10 HP)	11.2 kW (15 HP)
Floor	Full WOODEN floor	Full ALUMINIUM floor
Tube diameter	44 cm	44 cm
Number of air chambers	3 + 1	3 + 1
Seat	Black wooden seat + seat-patch : supplied as standard.	
Inflatable keel	✔	✔
Reinforced keel	✔	✔
D-towing rings	2	2
Lifting eyebolts for davits	4	4
Carrying handle	3 (1 at the front, 2 in the back)	3 (1 at the front, 2 in the back)
Equipment included	Fixing strap for fuel tank, carrying valise, repair kit, bellows pump, 2 paddles.	

Paddles stowed and secured inside the boat : totally out of your way when not in use.

Strong carrying handles :
1 at bow, 2 at stern.
Reinforced rubbing strakes for efficient anti-chafe protection.

Inflatable V-type hull provides a stable and comfortable ride and makes it ideal to use under power.





Model	P340HA	P380HA
Reference	Grey : **66086**	Grey : **66087**
Max number of persons/		
Maximum load	750 kg	850 kg
Overall dimensions Stowed dimensions	336 x 174 x 83 cm 125 x 58 x 35 cm	380 x 174 x 83 cm 125 x 58 x 35 cm
Weight	59 kg	68.8 kg
Maximum power	15 kW (20 HP)	18.5 kW (25 HP)
Floor	Full ALUMINIUM floor	Full ALUMINIUM floor
Tube diameter	47 cm	47 cm
Number of air chambers	3 + 1	3 + 1
Seat	Black wooden seat + seat-patch : supplied as standard.	
Inflatable keel	✔	✔
Reinforced keel	✔	✔
D-towing rings	2	2
Lifting eyebolts for davits	4	4
Carrying handle	3 (1 at the front, 2 in the back)	3 (1 at the front, 2 in the back)
Equipment included	Fixing strap for fuel tank, carrying valise, repair kit, bellows pump, 2 paddles.	

Yacht tenders

Polyester V-type rigid hull tender : combining fast cruising and optimum safety.
Also ideal on davits.

Up to 3.48 m in length
with tube Ø 48 cm
25 HP motor*
*with jockey console

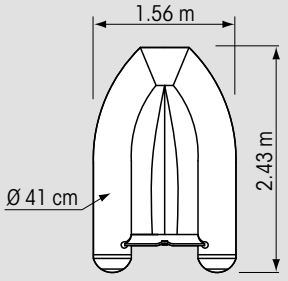
PVC - Polyester hull

- Single-skin (slightly sloped floor) or double-skin (flat floor).
- Stylish combination of light grey and slate grey.
- Paddles stowed inside the boat.

4 year Warranty

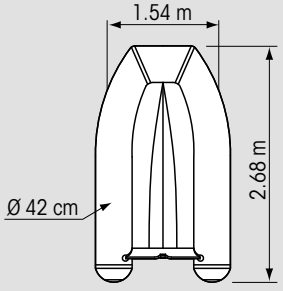
Pri310RF, ref. 66092
V-shape polyester hull + flat floor.

ISO CD 6185



Pri240V

CE Category C



Pri270V

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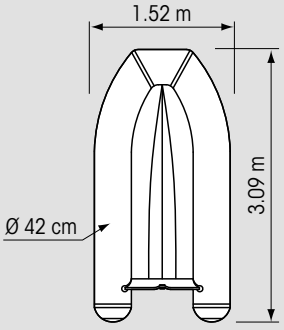
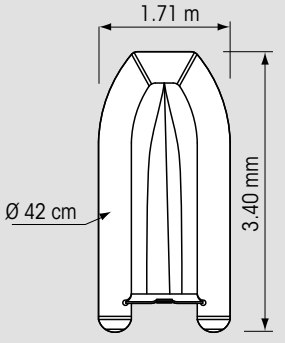


Pri310V

CE Category C



Pri340V

Model	SINGLE-SKIN			
	Pri240V	Pri270V	Pri310V	Pri340V
Reference	**66088**	**66089**	**66090**	**66427**
Max. number of persons				
Maximum load	460 kg	510 kg	600 kg	640 kg
Overall dimensions	243 x 156 x 68 cm	268 x 154 x 70 cm	309 x 152 x 75 cm	340 x 171 x 78 cm
Weight	43 kg	46 kg	51 kg	55.9 kg
Maximum power	4.78 kW (6.5 HP)	7.4 kW (10 HP)	11.2 kW (15 HP)	11.2 kW (15 CV)
Floor	Non-skid			
Hull	Single-skin V-shape, with ridges.			
Tube diameter	41 cm	42 cm	42 cm	42 cm
Number of air chambers	3	3	3	3
Seat	Polyester seat + seat-patch : supplied as standard.			
D-towing ring	1	1	1	1
Lifting eyebolts for davits	3 (1 at the front, 2 in the back)			
Handrails	6 (4 at the front, 2 in the back)	6 (4 at the front, 2 in the back)	8 (6 at the front, 2 in the back)	8 (6 at the front, 2 in the back)
Carrying handles	3 (1 at the front, 2 in the back)			
Equipment included	Straps for fuel tank, carrying valise, repair kit, bellows pump, 2 paddles.			

V-shape polyester hull with ridges for increased stability and safe turns.

Option

2-seat jockey console

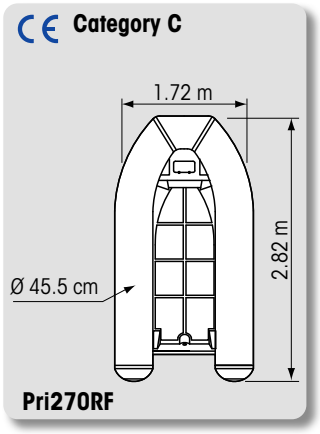
56080

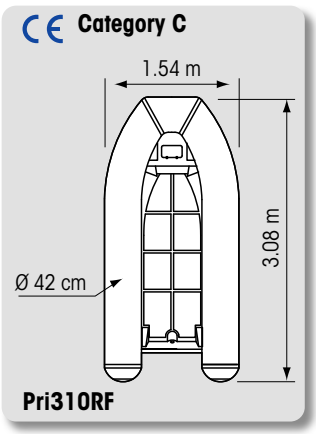
For RIB's from 3 m with polyester flat floor : suitable for 66092 & 66093.

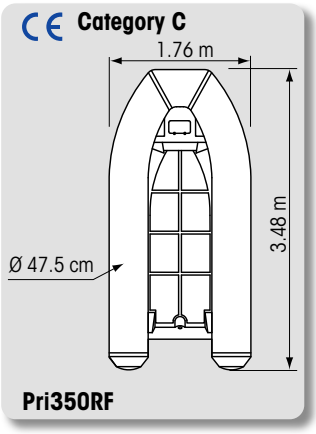
Seat lifts open to provide a storage compartment for instruments and fuel tank.

Cushion included (PU foam with leather-style upholstery).

- *Overall length at base : 134 cm.*
- *Overall width : 49 cm.*
- *Overall height : 70 cm.*





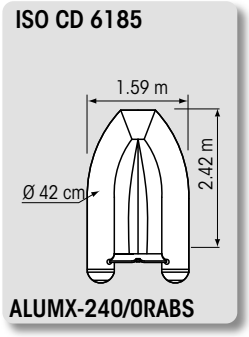


Model	DOUBLES-SKIN		
	Pri270RF	**Pri310RF**	**Pri350RF**
Reference	**66091**	**66092**	**66093**
Max. number of persons			
Maximum load	600 kg	500 kg	600 kg
Overall dimensions	282 x 172 cm x 75 cm	308 x 154 x 75 cm	348 x 176 x 79 cm
Weight	62 kg	58 kg	73 kg
Maximum power	11 kW (15 HP)	11.2 kW (15 HP)	11.2 kW (15 HP) or 18.4 kW (25 HP) when equipped with a jockey console
Floor	Flat, non-skid. Integrated storage hatch.		
Hull	Double-skin V-shape, with ridges.		
Tube diameter	45.5 cm	42 cm	47.5 cm
Number of air chambers	3	3	3
Seat	Polyester seat + seat-patch : supplied as standard.		
D-towing ring	1	1	1
Lifting eyebolts for davits	3 (1 at the front, 2 in the back)		
Handrails	6 (4 at the front, 2 in the back)	8 (6 at the front, 2 in the back)	8 (6 at the front, 2 in the back)
Carrying handles	3 (1 à l'avant, 2 à l'arrière)	3 (1 at the front, 2 in the back)	4 (2 at the front, 2 in the back)
Equipment included	Straps for fuel tank, carrying valise, repair kit, bellows pump, 2 paddles.		

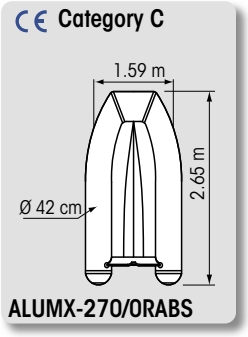
PVC - Aluminium hull

4 year Warranty

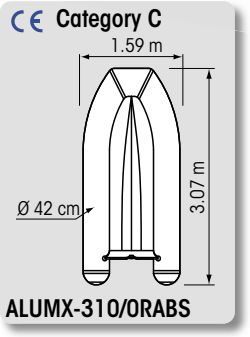
ALUMX-270/ORABS



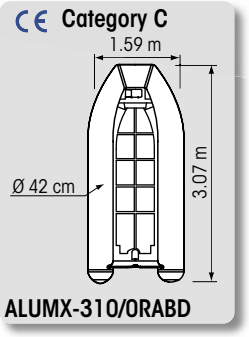
ALUMX-240/ORABS



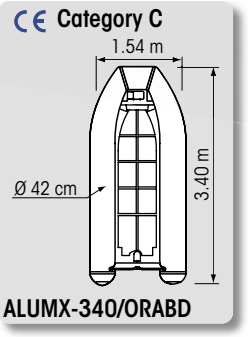
ALUMX-270/ORABS



ALUMX-310/ORABS



ALUMX-310/ORABD



ALUMX-340/ORABD

Model	SINGLE-SKIN			DOUBLE-SKIN	
	ALUMX-240/ORABS	ALUMX-270/ORABS	ALUMX-310/ORABS	ALUMX-310/ORABD	ALUMX-340/ORABD
Reference	**66094**	**66095**	**66096**	**66097**	**66098**
Max. number of persons	3	4	5	4	5
Maximum load	380 kg	425 kg	495 kg	495 kg	550 kg
Overall dimensions	242 x 159 x 72 cm	265 x 159 x 72 cm	307 x 159 x 72 cm	307 x 159 x 72 cm	340 x 154 x 73 cm
Weight	36 kg	39.5 kg	48.5 kg	55 kg	64.5 kg
Maximum power	3.7 kW (5 HP)	7.4 kW (10 HP)	14.7 kW (20 HP)	14.7 kW (20 HP)	14.7 kW (20 HP)
Floor	Aluminium, V-shape and non-skid			Aluminium, flate and non skid	
Hull	Alu single-skin V-shape (2.5 mm), with ridges		Alu single-skin V-shape (3 mm), with ridges	Alu double-skin V-shape (2.5 mm), with ridges	
Tube diameter	42 cm	42 cm	42 cm	42 cm	42 cm
Number of air chambers	3	3	3	3	3
Seat	Aluminium seat, supplied as standard				
D-towing ring	1	1	1	1	1
Lifting ayebolts for davits	3	3	3	3	3
Front carrying handles	1	1	1	1	1
Rear carrying handles	2	2	2	2	2
Storage locker with latch	No	No	No	Yes	Yes
Equipment included	Straps for fuel tank, valise with 3 carrying handles, repair kit, bellows pump, 2 paddles				

Yacht Hp tenders

Hypalon tenders : heavy duty Orca® fabric,
ideal for intensive use or in tropical environment.

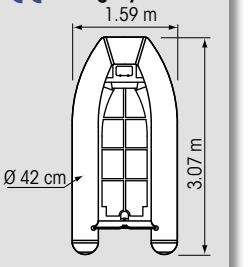
Hypalon - Aluminium hull

4 year Warranty

ALUMX-310/ORABDH

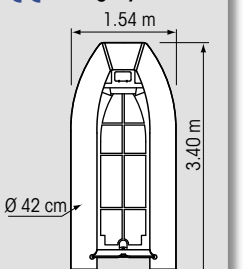
	DOUBLES-SKIN	
Model	**ALUMX-310/ORABDH**	**ALUMX-340/ORABDH**
Reference	**66102**	**66103**
Max. number of persons		
Maximum load	495 kg	550 kg
Overall dimensions	307 x 159 x 69 cm	340 x 154 x 73 cm
Weight	55 kg	60 kg
Maximum power	14.7 kW (20 HP)	14.7 kW (20 HP)
Floor	Aluminium, flat and non-skid	
Hull	Aluminium double-skin V-shape (2.5 mm), with ridges	
Tube diameter	42 cm	42 cm
Number of air chambers	3	3
Seat	Aluminium seat, supplied as standard	
D-towing ring	1	1
Lifting eyebolts for davits	3	3
Front carrying handles	1	1
Rear carrying handles	2	2
Storage locker with latch	Yes	Yes
Equipment included	Straps for fuel tank, valise with 3 carrying handles, repair kit, bellows pump, 2 paddles	

CE Category C



ALUMX-310/ORABDH

CE Category C



ALUMX-340/ORABDH

Bow locker.

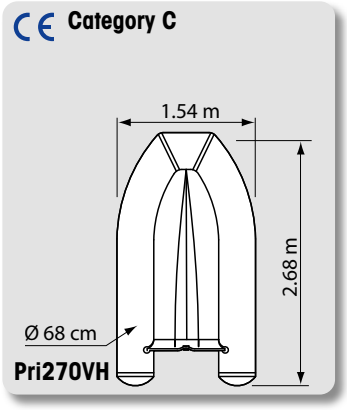
Drain plug.

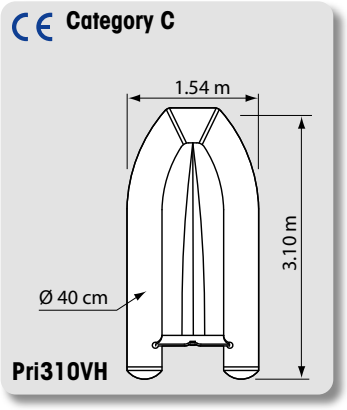
Aluminium V-shape hull with keelshield on PVC and Hypalon models.

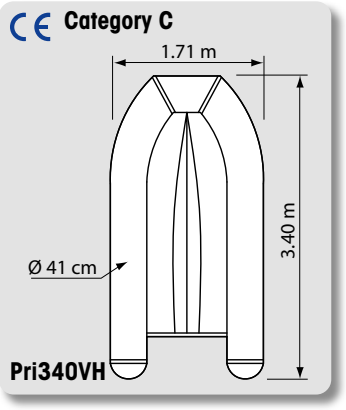
Hypalon - polyester hull

4 year Warranty

Pri270VH





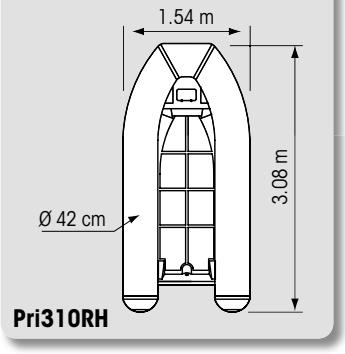


SINGLE SKIN HULL			
Model	**Pri270VH**	**Pri310VH**	**Pri340VH**
Reference	Grey : **66104**	Grey : **66105**	Grey : **66106**
Max. number of persons			
Maximum load	510 kg	520 kg	640 kg
Overall dimensions	268 x 154 x 68 cm	310 x 154 x 68 cm	340 x 171 x 73 cm
Weight	45,7 kg	51.2 kg	56 kg
Maximum power	7.4 kW (10 CV)	11.2 kW (15 CV)	11.2 kW (15 CV)
Floor	Non-skid	Non-skid	Non-skid
Hull	Single skin V-type hull with ridges		
Tube diameter	42 cm	40 cm	41 cm
Number of air chambers	3	3	3
Seat	Polyester seat + seat-patch : supplied as standard		
D-towing ring	1	1	1
Lifting eyebolts for davits	3	3	3
Front carrying handles	1	1	1
Rear carrying handles	2	2	2
Storage	-	-	-
Equipment included	Straps for fuel tank, storage bag, repair kit, bellows pump, 2 paddles		

PLASTIMO

Pri310RH

CE **Category C**



Pri310RH

V-shape polyester hull (Pri270VH, Pri310VH, Pri340VH)
V-shape polyester hull + flat floor(Pri310RH)

DOUBLE SKIN HULL	
Model	**Pri310RH**
Reference	**Grey : 66107**
Max. number of persons	4
Maximum load	500 kg
Overall dimensions	308 x 154 x 75 cm
Weight	58 kg
Maximum power	11.2 kW (15 HP)
Floor	Flat & non-skid. Integrated storage hatch.
Hull	Double skin V-type hull with ridges.
Tube diameter	42 cm
Number of air chambers	3
Seat	Polyester seat + seat-patch : supplied as standard
D-towing ring	1
Lifting eyebolts for davits	4
Front carrying handles	1
Rear carrying handles	2
Storage	✔
Equipment included	Straps for fuel tank, storage bag, repair kit, bellows pump, 2 paddles.

V-shaped polyester hull features two ridges for increased stability and safe turns.

Storage.

Tender with fold-down transom

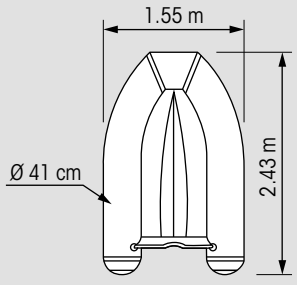
V-type rigid hull PVC tender with fold-down transom for easier storage in a boat locker.
Can be mounted on davits.

4 year Warranty

PLASTIMO

- Material : **1100 Decitex PVC fabric**
- Polyester hull

ISO CD 6185



MX-240/0 RIB

Fold-down transom with system lock (2 st. steel hinches) & watertight gasket.

Model	MX-240/0 RIB
Reference	White : **62271**
Max number of persons	
Maximum load	460 kg
Dimensions	243 x 155.5 x 68 cm
Weight	43 kg
Maximum power	4.78 kW (6.5 HP)
Floor	Non-skid
Hull	Single-skin V-shape, with ridges
Tube diameter	41 cm
Number of air chambers	3
Seat	Polyester seat + seat-patch : supplied as standard
D-towing ring	1
Lifting eyebolts for davits	3
Front carrying handle	1
Rear carrying handles	2
Equipment included	Straps for fuel tank, valise, repair kit, bellows pump, 2 paddles

Minimum size : the fold-down transom allows the storage of the motor inside the tender.

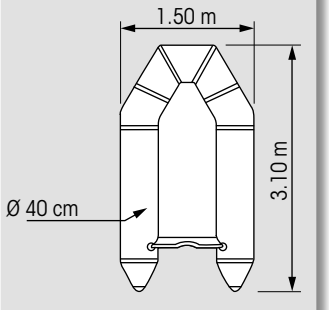
Tender with folding rigid hull

V-type rigid hull PVC tender for fast cruising and stability.
Folding tender, compact and transport friendly.

4 year Warranty

- Material : **1100 Decitex PVC fabric**
- Polyester hull

Category C



MS-310/1 RIB

Compact and transport friendly.
Folded dimensions :
1.5 m x 1 m.

Model	MS-310/1 RIB
Reference	White : **62272**
Max. number of persons	
Maximum load	400 kg
Overall dimensions	310 x 150 x 75 cm
Weight	55 kg
Maxi power	7.4 KW (10 HP)
Floor	Non-skid
Hull	Single-skin V-shape, with ridges
Tube diameter	40 cm
Number of air chambers	2
Seat	Polyester seat & seat patch : supplied as standard
D-towing ring	1
Lifting eyebolt for davits	1
Front carrying handle	1
Rear carrying handles	2
Equipment included	Straps for fuel tank, valise, repair kit, bellows pump, 2 paddles.

Easy deployment.

Fish tenders

The ideal tender for lake or river fishing. Outstanding stability and specific accessories on the P270SF model.

P180SF
Varnished wooden seat.

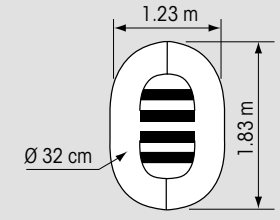
P270SF

4 year Warranty

Slatted floor

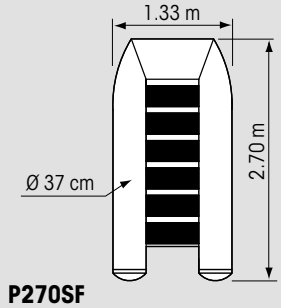
Model	P180SF	P270SF
Reference	Green : **61225**	Green : **61226**
Max number of persons		
Maximum load	**150 kg**	**350 kg**
Overall dimensions Stowed dimensions	183 x 123 x 34 cm 89 x 53 x 27 cm	270 x 133 x 38 cm 112 x 58 x 33 cm
Weight	13 kg	29 kg
Maximum power	-	4.4 kW (6 HP)
Floor*	Slatted, 15 cm wide slats	
Tube diameter	32 cm	37 cm
Number of air chambers	2	2
Seat	Wooden seat + varnished seat patch : supplied as standard	
D-towing ring	1	-
Rear carrying handle	-	1
Equipment included	Carrying strap, repair kit, bellows pump, 2 paddles	Valise, repair kit, bellows pump, 2 paddles, underseat hold-all bag + rod holder bag

ISO CD 6185



P180SF

CE **Category C**



P270SF

* Slats can be taken apart from the tender floor, thus reducing the folded dimensions to a minimum.

A rod holder bag situated at the bow is equally suitable for grapnel anchor or fishing tackle. It is supplied with 2 rod holders.

Front and back transoms feature carrying handles.

Underseat hold-all bag for fishing tackle and personal accessories. Thanks to the net at the bottom of the hold-all bag, it can be used as a fish well to stow fish and baits.

Compact Fish tender

Slatted floor

Ideal for inland angling waters, this compact and lightweight tender can be conveniently stowed in a car trunk or a boat locker.

4 year Warranty

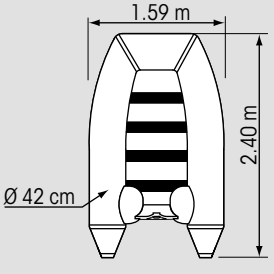
2 inflatable tube extensions on both sides of the transom contribute to a lightweight tender, more compact to stow.

Model	P240SF
Reference	Green/camouflage : **61227**
Max number of persons	
Maximum load	350 kg
Overall dimensions Stowed dimensions	240 x 159 x 54 cm 110 x 57 x 31 cm
Weight	26 kg
Maximum power	3.7 kW (5 HP)
Floor*	Slatted, 30 cm wide slats
Tube diameter	42 cm
Number of air chambers	2
Seat	Wooden seat and seat-patch, supplied as standard
D-towing rings	1
Equipment included	Valise, repair kit, bellows pump, 2 paddles, underseat bag

* Slats can be taken apart from the tender floor, thus reducing the folded dimensions to a minimum.

Accessories

ISO CD 6185



P240SF

- ***Oars :***
  Grey 132 : ***67878*** (tender 61225)
  Gris 162 : ***67879*** (tenders 61226, 61227)
- ***Seat :***
  Black wood 75 cm : ***69001*** (tender 61225)
  Black wood 85 cm : ***69002*** (tenders 61226, 61227)
- ***Slats :***
  Black wood 73 x 15 cm : ***69003*** (tender 61225)
  Black wood 78 x 15 cm : ***69004*** (tender 61226)
- ***Carrying bag : 42351***
- ***Anneau D Ring :***
  Moyen : ***60928*** (tender 61225, 61226)
  Big / Moyen : ***24830 / 60928*** (tender 61227)
- ***Paddle holder : 70447***

Bags for tenders

Grey PVC bags for tenders and small crafts with a bench. Features a 25 mm thick foam for extra cushioned comfort. Suitable for 20 cm deep x 2 cm thick seat. Fit all Plastimo inflatable tenders.

Holdall
66291

For removable bench. Holdall simply sleeves onto the bench.
Dimensions : large zipped pocket, 62 cm long (seat length) x 23 cm wide (seat depth) x 38 cm high.

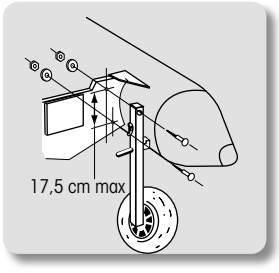
Multi-pocket saddlebag
66290

For fixed or removable bench. Fits RIBs.
Mounts on the bench with a hook-and-loop fastener.
Easy to fix and remove in order to take it along when boarding or docking.
Dimensions : 66 cm long (seat length) x 23 cm wide (seat depth) x 38 cm high.
Pockets :

- 4 large zipped pockets 33 x 33 x 10 cm
- 4 small zipped pockets 33 x 18 x 5cm
- 4 cup or bottle holders.

Wheels

Max. speed : 5 km/h.
Do not trailer-drive.
Slightly reduce the tyres inflation to facilitate rolling on sand.



Wheels for pneumatic boats
62297

Detachable and swing-up wheels, to mount on transom.
Suitable for all pneumatic boats with rigid transom.
Wheels swing up easily and instantly.
When sailing, the lateral movement of the engine is not hindered by the tracks locked upright.

Supplied in pairs with mounting instructions and accessories.

See wheels for tenders with stabilisers page 151

- Tracks in 304 L st. steel, 30 x 30 mm.
- Max. load : 150 kg.
- Height : 860 mm.
- Wheels : Ø 260 mm.
  Axis Ø 20 mm. Hub length 75 mm.
- Max. pressure : 2.5 bar.
- Holding bracket thickn. : 3 mm.
- Weight : 8.6 kg.

The spring loaded locking system holds wheel in 3 positions

Plastic retractable wheels
64768

Retractable wheels to mount on rigid transom, suitable for all pneumatic boats not exceeding 110 kg, total weight, including outboard motor.
Made from highly resistant plastic, impervious to corrosion and weatherproof.
Heavy duty spring loaded locking system.
Extra wide wheel, 85 mm.

Supplied in pairs with mounting instructions.

- Ø wheel : 140 mm.
- Horizontal hole spacing : 80 mm.
- Vertical hole spacing : 132 mm.
- Stainless steel spring.

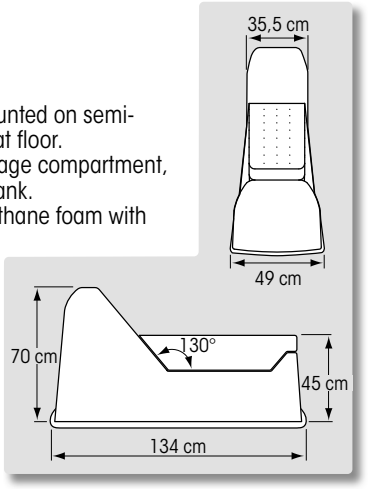
Consoles and seat

Plastimo polyester consoles are designed for a dynamic ride for the pilot and optimum comfort for the crew on board RIB's.

Jockey console
56080

For RIBs from 3 metres.

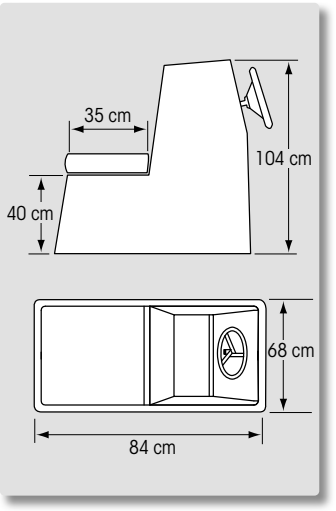
This 2-seat console can be mounted on semi-rigid tenders with a polyester flat floor.
Seat lifts open to provide a storage compartment, ideal for instruments and fuel tank.
Supplied with cushion (polyurethane foam with leather-style upholstery).
Overall length at base : 134 cm.
Overall width : 49 cm.
Overall height : 70 cm.



Steering console
56081

For RIBs from 4 to 6 metres.

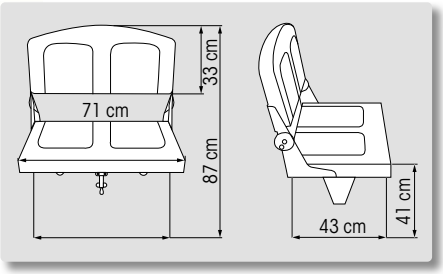
This console can be mounted on semi-rigid tenders with a polyester flat floor.
Features a stainless steel grab handle, a windscreen, a seat and a storage compartment.
Supplied with cushion (polyurethane foam with leather-style upholstery).
Overall length at base : 73 cm.
Overall width : 66.5 cm.
Overall height : 137 cm.



Back seat with cushions
67145

For RIBs from 3.10 m to 4 metres.

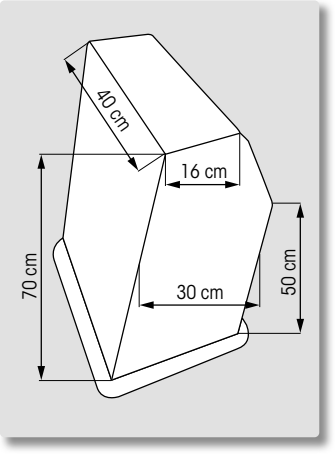
This back seat can be mounted on semi-rigid tenders from 3.10 m to 4 metres with a polyester or aluminum flat floor.
Supplied with cushions (polyurethane foam with leather-style upholstery).
Dimensions at base 62 X 43 cm. Overall height 87 cm (raised back).



Steering console
67144

For RIBs from 3.10 m to 4 metres.

This console can be mounted on semi-rigid tenders from 3.10 m to 4 metres with a polyester or aluminum flat floor.
Storage compartment included.
Dimensions at base 30 X 40 cm.
Height 70 cm.



Fenders for inflatables

A traditional fender will tilt away from the hull and may eventually slip above or below, whereas the articulated RIB fender follows the curves of the hull and remains in the right position to protect the boat efficiently.

Patent n°B63B59/00

MADE BY PLASTIMO

Articulated RIB fender

A clever solution created by the Plastimo R & D, specifically adapted to rigid inflatable boats or any boat with a rounded hull.
Rotomoulded construction, UV protected, blue or white colour.
Comes with 1 m Ø 5 mm rope.

White	Blue	Black	Ø	Length
66345	**66346**	**66428**	12 cm	48 cm
66780	**66876**	**66875**	15 cm	60 cm

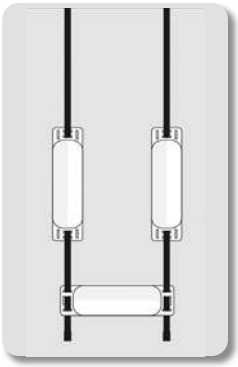
Half-moon fender

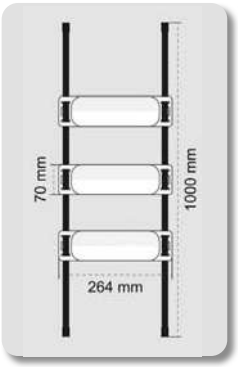
- **White : 66347**
- **Blue : 66348**

3 half-moon fenders, assembled on a 1 m webbing strap.

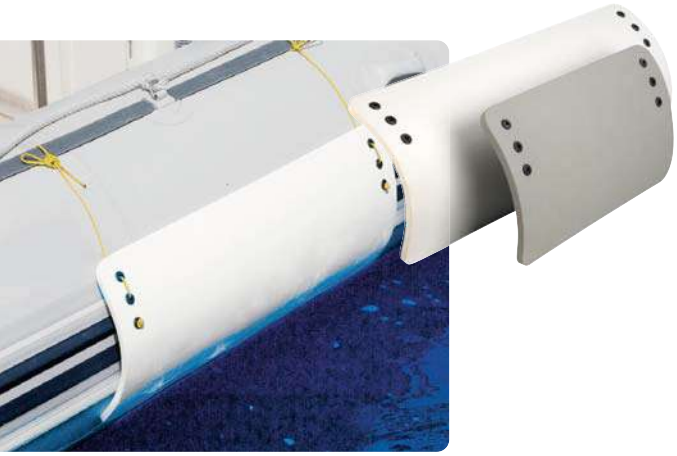
White or blue PVC, UV-protected.
Dimensions of every half-moon : 7 x 26.4 cm.
Thickness : 4.5 cm.

Clever combination of 3 small half-moon shaped fenders, positioned along a 1 m long webbing strap with a loop at all 4 ends.
Provides efficient protection against rubbing and chafing : adapts to all hull shapes, and more particularly to RIB tubular shapes.





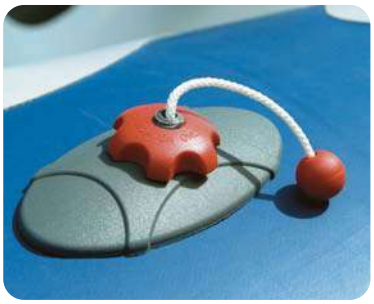
Also ideal to protect the hull or the tubes of a RIB when trailered : just insert the halfmoon fenders between the boat hull and the belts that secure the boat on the trailer.

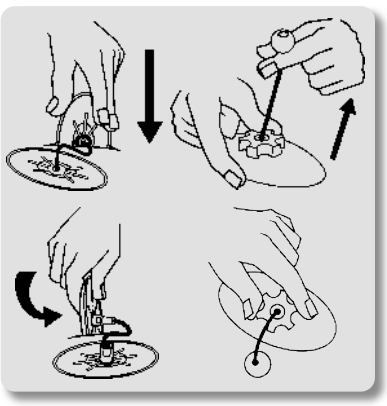


Fenders for RIBs

Made from closed cell polyethylen foam, UV and hydrocarbon resistant.
Curved shape to fit the RIB or tender tube.
Provides efficient protection against abrasion along pontoons or jetties.
Stacks easily for storage.

Dimensions	White	Grey
S : 270 x 440 mm	**55798**	**55799**
L : 350 x 800 mm	**55796**	**55797**





Clamseal®

Patented

51645

Ideal to repair a tear instantly in situ.
Can be used bellow as well as above the waterline.
Easy repair, no need for any tool or glue :

- enlarge the tear up to 5 cm wide ;
- introduce the back plate through the tear ;
- use the nut to clam the two plates tight around the tear and secure the seal.

Can be used again.

Tenders accessories

Common accessories for Plastimo tenders :

Oarlock kit
70186
(52365 Hypalon tenders)

Oarlock pin
24832

Oarlock rod
29311

Rope holder
70448
(Horizon, Fun,Raid, Infl. tenders)

Adapter for pump
53457

Foot pump
60943
(except Fun and Horizon tenders)

Valve tool
67604

Oarlock cap holder
70199

Pipe and adapter for pump
60944

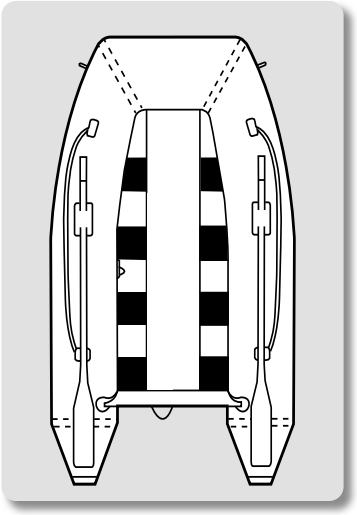
PVC transom protection
- *in :* ***35108***
  (except Hypalon / Fish tenders ***50328****)*
- *out :* ***70200***
  (except Hypalon / Fish tenders ***50423****)*

Valve
50881

Drain plug
54787

Repair kit
24816
(except Hypalon tenders)

For Horizon tenders



Paddle
- *Grey 162 cm* ***67879*** *(66914, 66580 tenders)*
- *Grey 132 cm* ***67878*** *(other tenders)*

Bench
- *Black wood 75 cm* ***69001***
- *Bois noir 85 cm* ***69002*** *(66914, 66579, 66580 tenders)*

Carry bag
- ***42352*** *(66914, 66579, 66580 tenders)*
- ***42351*** *(other tenders)*

D Ring patch
- *Medium, 2 pcs* ***60928***

Paddle stand 70447

Repair Kit
- ***24816*** *(except 66571 tender))*

Foot pump
- ***60943*** *(tenders ≤ 2,30 m)*
- ***60942*** *(tenders ≥ 2,60 m)*

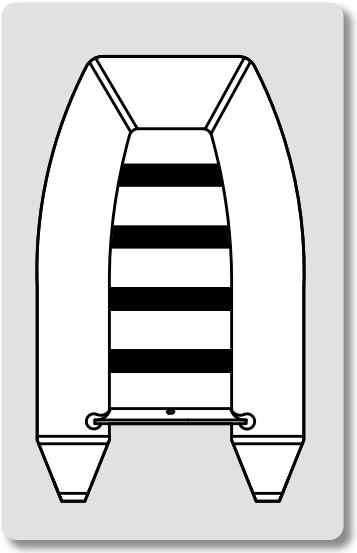
Inflatable floor *grey*
- ***70193*** *(66577 tender)*
- ***70194*** *(66578 tender)*
- ***70195*** *(66580 tender)*

Floor slats

For Tender	*Black wood slats*	*Dimensions*
66751	***66003***	*73 x 15 cm*
66572	***70191***	*78 x 63 cm*
	69004	*78 x 15 cm*
66573	***69004***	*78 x 15 cm*
66574	***69004***	*78 x 15 cm*
66914	***69005***	*86 x 15 cm*

More accessories :
see "Common accessories".

For Raid II tenders



Paddle
- *Grey 132 cm* ***67878*** *(61161 to 61164 tenders)*
- *Grey 162 cm* ***67879*** *(61165, 61166, 66078 and 66079 tenders)*

Bench
- *Alu. grey 75 cm* ***63923*** *(61161 to 61166 tenders)*
- *Alu. grey 85 cm* ***63924*** *(66078, 66079 tenders)*

Handle
Grey 70189 (66078, 66079 tenders)

Sac de portage
- ***42351*** *(61161 to 61164 tenders)*
- ***42352*** *(61165, 61166, 66078 and 66079 tenders)*

Protective cover
- ***55790*** *(61161, 61162 tenders)*
- ***55791*** *(61163, 61164 tenders)*
- ***55792*** *(61165, 61166 tenders)*
- ***55793*** *(66078, 66079 tenders)*

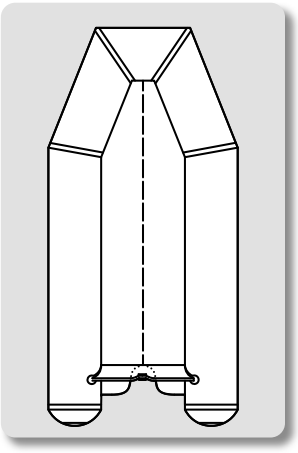
D Ring patch
- *Big 1 pcs, bow* ***24830*** *(tenders 61161, 61166)*
- *Medium 2 pcs* ***60928*** *(61161, 61166, 66078, 66079 tenders)*

Full floor

For tender	*Slatted floor Grey wood*
61161 61162	***60947***
61163 61164	***60946***
61165 61166	***58846***
66078 66079	***69948***

More accessories :
see "Common accessories"

For Fun tenders



Oar
- *Grey 132 cm* ***67878*** *(61169 tenders)*
- *Grey 162 cm* ***67879*** *(other Fun tenders)*

Bench
- *Aluminium grey 85 cm* ***63924***

Handle
- *Grey* ***70189*** *(tenders 66081 to 66083)*

Inflated floor
- *Grey,* ***60981*** *(66083 tender)*

Carry bag
- ***42351*** *(61169 tender)*
- ***42352*** *(other Fun tenders)*

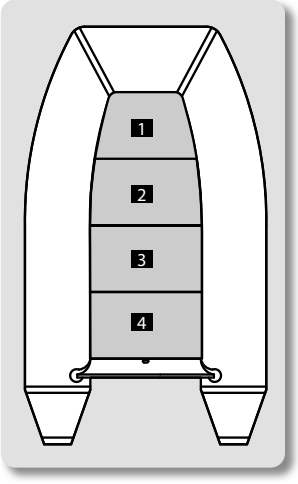
Protective cover
- ***55793*** *(66081 and 66083 tenders)*
- ***55795*** *(66082 tender)*

D Ring
- *Large, 2 pcs* ***24830*** *(for 61169, 66081 tenders)*
- *Medium, 2 pcs* ***60928*** *(for 66082 tenders)*
  (tender 66083 : 1 x 24830 + 2 x 60928)

Paddle stand
- ***70447*** (61169 tender)

More accessories : see "Common accessories"

For Trail tenders



Oar
- *Grey 162 cm* ***67879***

Bench
- *Alu. grey 85 cm* ***63924*** *(66084, 66085 tenders)*
- *Alu. black 100 cm* ***70188*** *(66086, 66087 tenders)*

Handle
Black ***70190***

Carry bag
- ***42352*** *(tenders 66084 to 66085)*
- ***42353*** *(tenders 66086 to 66087)*

Protective cover
- ***55793*** *(tender 660784)*
- ***55794*** *(tender 660785)*
- ***55795*** *(tender 660786)*
- ***57063*** *(tender 660787)*

D Ring
- ***60928*** (tender 66084)
- ***24830*** (tenders 66085, 66086, 66087)

Inflatable keel
- ***60951*** (tender 66084)
- ***60952*** (tender 66085)
- ***60953*** (tender 66086)

Alu. floor

	Tender	Floor	Color	Dim. / Qty
1	**66084**	**58133**	grey wood	92 x 92 x 46
	66085	**70192**	grey wood	92 x 92 x 46
	66086	**60970**	grey wood	103 x 65 x 61
	66087	**60974**	grey wood	103 x 65 x 61
2	**66084**	**60964**	grey wood	84,5 x 40
	66085	**60967**	alu.	84,5 x 57
	66086	**60971**	alu.	96,5 x 57
	66087	**609777**	alu.	97 x 75
3	**66084**	**60965**	alu.	84,5 x 40
	66085	**60968**	alu.	84,5 x 48
	66086	**60972**	alu.	96,5 x 57
	66087	**60978**	alu.	97 x 66
4	**66084**	**60966**	grey wood	84,5 x 40
	66085	**60969**	alu.	84,5 x 57
	66086	**60973**	alu.	96,5 x 57
	66087	**60979**	alu.	97 x 75

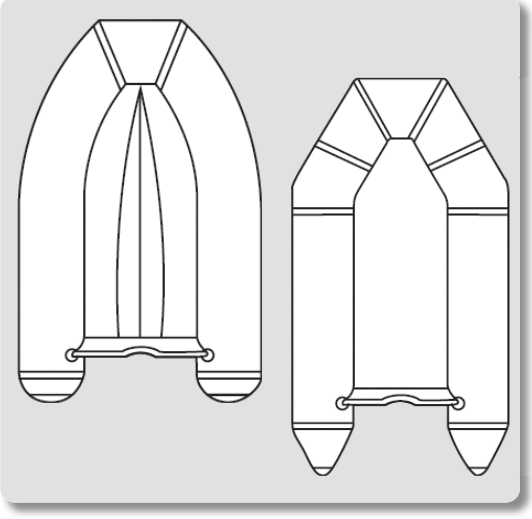
Aluminium floor reinforcements

Tender	Aluminium reinforcement	Length	Aluminium reinforcement	Length
66084	**60934**	700 mm	-	-
66085	**60933**	900 mm	**60932**	700 mm
66086		900 mm	**60934**	900 mm
66087	**60937**	1100 mm	**60938**	900 mm

Floor reinforcement side join caps

Tender	Right/Left side join caps
66084	**34117 & 60939**
66085	
66086	
66087	**60940 & 60941**

Tenders with fold-down transom, folding rigid hull



Oar
- *Grey 162 cm* ***67879***

Bench
- *White polyester 85 cm* ***52351***

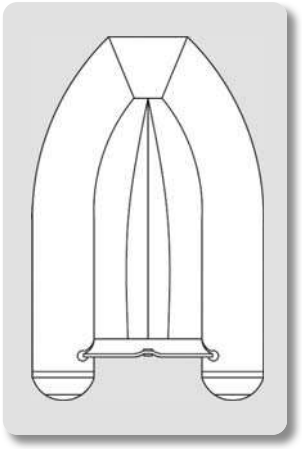
Handle
- *Grey* ***70189***

Carry bag
- ***70196*** *(62272 tender)*
- ***66101*** *(62271 tender)*

Paddle stand
- ***70447***
- ***70448***

More accessories : see "Common accessories"

For Yacht tenders with PVC floater, polyester hull
66088, 66089, 66090, 66427, 66091, 66092 and 66093



Oar
- Grey 162 cm ***67879***

Bench
- Grey aluminium 75 cm ***63923*** *(66088, 66089, 66090 and 66092 tenders)*
- Grey aluminium 85 cm ***63924*** *(66427, 66093 tenders)*
- Grey aluminium 90 cm ***70187*** *(66091 tender)*

Handle
- Black ***70190***

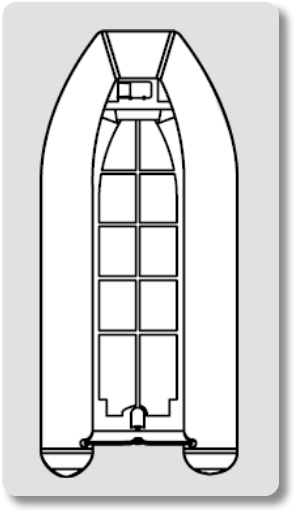
Carry bag
- ***66101*** *(66088 tender)*
- ***66108*** *(66089, 66091 tenders)*
- ***66109*** *(66090, 66092 tenders)*
- ***66110*** *(66427, 66093 tenders)*

Protective cover
- ***70197*** *(66088 tender)*
- ***70198*** *(66089, 66091 tenders)*
- ***60960*** *(66090, 66092 tenders)*
- ***62286*** *(66427, 66093 tenders)*

Options
- ***Jockey console : 56080*** *(66092, 66093 tenders)*
- ***Central console : 67144*** *(66092, 66093 tenders)*
- ***Back seat : 67145*** *(66092, 66093 tenders)*

More accessories : see "Common accessories".

For Yacht tenders with PVC floater or Hypalon tenders, aluminium hull 66094 to 66098, 66102 and 66103



Oar
- Grey 162 cm ***67879***

Bench
- Aluminium. grey 75 cm ***63923*** *(66094, 66095, 66096, 66097 and 66102 tenders)*
- Aluminium. grey 85 cm ***63924*** *(66098 and 66103 tenders)*

Handle
- Black ***70190***

Carry bag
- ***66101*** *(66094 tender)*
- ***66108*** *(66095 tenders)*
- ***66109*** *(66096, 66097, 66102 tenders)*
- ***66110*** *(66098, 66103 tenders)*

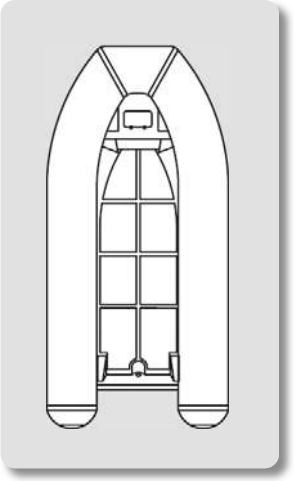
Protective cover
- ***70197*** *(66094 tender)*
- ***70198*** *(66095 tender)*
- ***60960*** *(66096, 66097, 66102 tenders)*
- ***62286*** *(66098, 66103 tenders)*

Repair kit
- ***24816*** *(tenders 66094 to 66098)*
- ***52371*** *(66102, 66103 tenders)*

Options
- ***Jockey console : 56080*** *(66097, 66098, 66102 and 66103 tenders)*
- ***Central console : 67144*** *(66097, 66098, 66102 and 66103 tenders)*
- ***Back seat : 67145*** *(66097, 66098, 66102 and 66103 tenders)*

More accessories : see "Common accessories".

For Yacht tenders with Hypalon floater, polyester hull



Oar
- Grey 162 cm ***67879***

Bench
- White polyester 85 cm ***52351***

Handle
- Grey ***52369***

Carry bag
- ***66109*** *(66105, 66107 tenders)*
- ***66110*** *(66106 tender)*
- ***66108*** *(66104 tender)*

Protective cover
- ***60960*** *(66107 and 66105 tenders)*
- ***70198*** *(66104 tender)*
- ***62286*** *(66106 tender)*

Repair kit
- ***24816*** *(66094 to 66098 tenders)*
- ***52371*** *(66102, 66103 tenders)*

Options
- ***Jockey console : 56080***
  Central console : 67144 *(66107 tender)*
- ***Back seat : 67145***
  (66097, 66107 tenders)

More accessories : see "Common accessories".

Most efficient on jet skis and RIB's when beaching.

Keelshield, keel wear pad

Keelshield® is a high quality rugged shield made of pure urethane polymers, which provides efficient and durable protection for your bow and keel from abrasion, scratches and scars (against pontoons, buoys, floating objects, rocks...).

Suitable for polyester and aluminium hulls.

Comes as a 125 mm (5") wide roll with exclusive 3M adhesive system. Keelshied® wear pad durability combined with high quality 3M adhesive allow to claim a **LIFETIME WARRANTY**.

Length \ Colour	White	Black	Light grey	Dark grey
4 ft - 1.22 m	**64541**	**64550**	**64559**	-
6 ft - 1.83 m	**64543**	**64552**	**64561**	**65763**
8 ft - 2.44 m	**64545**	**64554**	**64563**	**65764**
10 ft - 3.05 m	**64547**	**64556**	**64565**	-

Installing Keelshield® is an easy DIY job : all you need to do is cut the pad at the required length to protect the chafing area (keel, bow, area around the motor). Keelshield® is ideal on painted hulls provided they are in good condition. Equally suitable on aluminium hulls (except on some knife-like hull shapes).

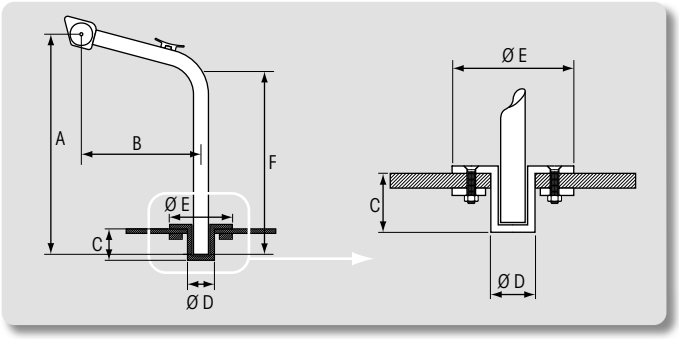
Davits

Pivoting davits

Davits for tenders up to 100 kg or 160 kg depending on the model.

When used, davits are blocked in a fixed position, determined when installing the davits (spacing between arms).
When not in use, the arms swivel and can fold up for space saving on deck and transom.
Easy flushmount installation thanks to mounting shoe.

Ref.	Max. load	Tube Ø	Sheave
36182	100 kg	40 mm	Single
36183	160 kg	60 mm	Double



Ref.	A	B	C	D	E	F
36182	987 mm	700 mm	130 mm	45 mm	130 mm	580 mm
36183	989 mm	750 mm	170 mm	64 mm	150 mm	645 mm

Supplied in pairs, complete with bottom plates and lines.

36182 : 2 blocks, 2 hooks, 2 x 3 m of rope.

36183 : 4 blocks, 4 hooks, 4 x 3 m of rope.

Supplied in pairs.

Spare parts

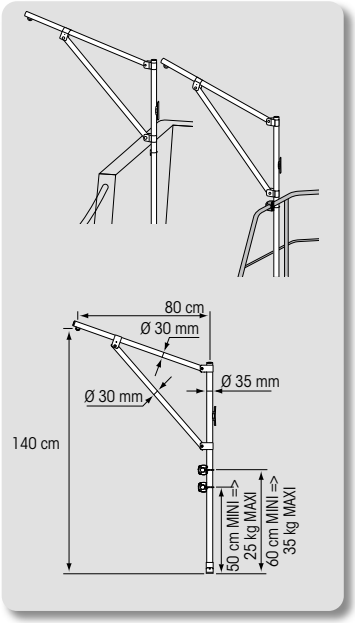
Spare bottom plates (X2)
- *For model 36182 :* ***53497***
- *For model 36183 :* ***53498***

Cargo boom

Removable and folding cargo boom

39122

Facilitates the handling of heavy and bulky loads (up to 35 kg or the equivalent of a 6 HP/4-stroke engine). Helps carrying the engine from the tender to the boat's motor bracket or lifting the liferaft from the pontoon to the boat's deck. Swivels on 360°.
Can be mounted either on a sailing boat's pushpit (Ø 22.5 to 25.5 mm) or in the cockpit.



Once the location has been selected and the fastening brackets firmly secured, it only takes seconds to set up the Plastimo cargo boom ready for use.
Supplied with a storage bag including :
- The 316 L stainless steel folding cargo boom.
- 1 rope system, 4:1 purchase (2 double blocks, + 10 m braided polyethylene).
- 1 Plasticlip equipped with a st. steel fixing plate.
- 1 st. steel articulated mounting shoe which adapts to different mounting angles.

Option

- ***Outboard engine harness***
  39315
  2 m webbing, 35 mm wide. Strap is stitched together on a short length to be used as a handle. St. steel buckle.

Tender + motor package

Plastimo teams up with Suzuki and offers a package including inflatable tender with bespoke motor.
The packs are composed of our best-seller tenders associated with the recommended engine according to model and intended use.

Raid package

Pack ref.	Length	Colour	Motor
68895	2.20 m	Grey	2.5 HP
68896	2.20 m	Blue	2.5 HP
68897	2.40 m	Grey	2.5 HP
68898	2.40 m	Blue	2.5 HP

Fun package

Pack ref.	Length	Colour	Motor
68899	2.30 m	Grey	2.5 HP
68900	2.70 m	Grey	2.5 HP
68902	2.70 m	Grey	4 HP
68901	3.20 m	Grey	2.5 HP
68903	3.20 m	Grey	4 HP

Horizon package, slatted floor tender

Pack ref.	Length	Motor
68904	2.00 m	2.5 HP
68905	2.30 m	2.5 HP
68909	2.60 m	2.5 HP
68911	2.60 m	4 HP

Horizon package, inflatable floor

Pack ref.	Length	Motor
68906	2.00 m	2.5 HP
68907	2.30 m	2.5 HP
68908	2.60 m	2.5 HP
68910	2.60 m	4 HP

Outboard motors

SUZUKI

3 year Warranty

67720

67721

67722

67723

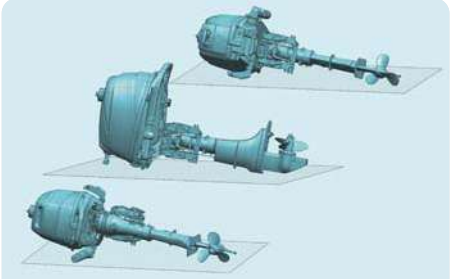
67724

4-stroke outboard motors

- Black short shaft outboard motors, complete with propeller.
- Tank connection plug.
- Fresh water rinsing system.
- Manual starting system.
- 3-year limited warranty for recreational use, 1-year warranty for either commercial or rental use…
- **3 storage positions :** can be laid and stored on any of its 3 sides.

Ref.	Motor	Weight	Cylinder	Built-in fuel tank	Power
67720	DF2.5S – 2.5 HP	13.5 kg	68 cm³	1 L	1.8 kW
67721	DF4S – 4 HP	24 kg	138 cm³	1 L	2.9 kW
67722	DF5S – 5 HP	24 kg	138 cm³	1.5 L	3.7 kW
67723	DF6S – 6 HP	24 kg	138 cm³	1.5 L	4.4 kW
67724	DF9.9S – 9.9 HP	39 kg	208 cm³	12 L	7.3 kW

All models compatible with outboard trolley ref. 67436.


3 storage positions

Patented

Outboard trolley

67436

- Suitable for outboards up to 15 HP (60 kg).
- Lightweight (4 kg), compact and stable. Ergonomic design, foldable.
- Adjustable height aluminium tubes, accommodate long shaft engines.
- Large solid wheels (Ø 250 mm, width 80 mm). Suitable for use on the beach.
- Wheels with waterproof bearings.

Inflatable kayaks

The new kayaks are innovating, lightweight, comfortable, durable and very stable.

3 high-pressure valves for faster inflation and deflation.

1 ou 2 seats

Removable rudder plank

Storage bag

Single & Duo kayaks

Recreational kayak for sea or river.

V type for fast rides.
Coated fabric floor for superior abrasion and shocks resistant.
Comfortable removable seat and adjustable position with hook and loop bands.
High backrest in foam for optimal back support.
Supplied with storage bag and repair kit. Yellow colour.

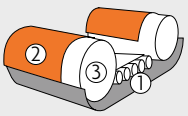
2.75 m
66112

- 1 seat.
- Capacity : 1 person / 120 kg maxi.
- Dimensions : 275 x 95 cm (L x l).
- Weight : 13.4 kg.

3.35 m
66113

- 2 seats.
- 2 footrests.
- Capacity : 2 persons / 181 kg maxi.
- Dimensions : 335 x 95 cm (L x l).
- Weight : 18 kg.

Construction



① Floor : XP™ construction. Uses X-beam technology to produce a stiff, durable PVC beam floor.

② Rugged 600D polyester cover provides comfort, performance and excellent UV protection.

③ Bladder : K80 PVC.

Common features

- Rod holder and large storage net at the backrest.
- Front & back storage with elastic.
- 4 flexible carrying handles (front, back and 2 on the sides).
- 3 chambers.
- 3 high-pressure valves.
- 2 lateral paddle holders.
- 1 removable rudder plank and 1 directional band.

Inflate to 0.10 bar (100 mbar = 1.5PSI).
Do not over-fill.

Options

• Foot pump 55669
Foot pump with pressure gauge.

• Hand pumps 14301
Double action hand pump, comes complete with hose and nozzle fittings.

• Offshore® 55 Kayak 63856
Black card, orange flange. Bracket-mount. Attachment on the kayak lifeline with the shock cords and hooks (included).

Plastimo strongly recommends wearing a lifejacket when practising watersports.

See Amrok 50 N page 38.

TYPHOON

Stand Up Paddle

SPINERA

Inflatable SUP pack

Multipurpose board for children and adults.
- Non-slip EVA padding.
- 1 removable fin.
- 1 carrying handle in the centre.
- Thickness : 15 cm.
- 1 leash attachment at the back.

	Ref.	Model	Riders up to	Dimensions (L x W)	Weight
A	**70153**	Classic 9'10"	80 kg	300 x 76 cm	12,3 kg
B	**70154**	Let's Paddle 10'4"	85 kg	315 x 82 cm	13,1 kg
C	**70155**	Let's Paddle 11'2"	95 kg	340 x 82 cm	14,2 kg

The pack contains :
1 SUP, 1 paddle, 1 inflator, 1 backpack and 1 repair kit.

Performance seat for SUP and kayak

70518

Spinera Performance seat is specific for SUP and kayak.
Comfort : EVA ergonomic foam in the seat and back area.
Long and comfortable paddling.

Fixation :
- 4 adjustable straps to fix the seat easily on the paddle and kayak.
- Length-adjustable straps (2 on the front and 2 adjustable at the back) to adjust the seat position to your body for the best ergonomy.
- 4 metal carabiners, high quality, rustproof and durable metal.

Design : the higher backrest provides an upright and comfortable position. Perfect for longer water adventures !

Options & accessories

- ***SUP High Pressure Inflator 12 V 70156***

Ideal for inflating SUP, buoys, dinghies…
- *16 PSI (1.1 bar).*
- *Air flow rate : 95 l/mn.*
- *Hose : 1 ml.*
- *Weight : 8.5 kg.*
- *Analogue pressure gauge.*

- ***Spare orange leash 65544***

- ***Mini mooring package 67441***

Ideal for small crafts
Weight : 1.9 kg. Dimensions 32 x ø 9 cm.
The kit is composed of :
– Grapnel 1.5 kg.
– Rope 7.6 m.
– Stainless steel hook.
– Quilted and reinforced cover.

- ***Double action SUP pump. 71032***

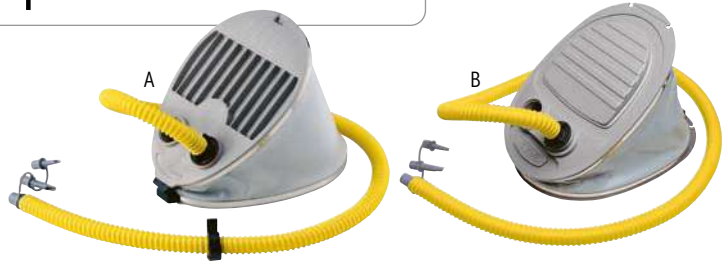
1.4 bar (20 psi)

- ***SUP paddle 70157***
- ***Fiberglass telescopic paddle : 65543***

Very strong handle, aluminium tube.
- *Thickness : 1.2 mm.*
- *Reinforced polyamide blades.*
- *Can be dismantled in 3 parts.*

Pumps & inflators

Foot pumps



Heavy duty foot pumps particularly suitable for synthetic or rubber coated boats and crafts.

- Glassfibre polyamide plates.
- Reinforced fabric coated bellows.
- All metal parts in stainless steel.
- Reinforced hose.
- Universal adaptor.

Recommended pressure :

- For fenders = 150 to 200 mBar.
- For tender's tube = 300 mBar.
- For inflatable floor = 800 mBar, the correct pressure for required rigidity of the floor and optimum performance of the tender.

	Capacity	Ref.	Max. pressure	Dimensions
A	4 L	**57713**	500 mbar - 7.2 psi	28 x 21 x H 6 cm
B	5 L	**10157**	400 mbar - 5.8 psi	29 x 21 x H 8 cm
		36900	*Spare connector for pumps 57713 & 10157.*	

Double chamber pump

55275

Reaches a max. pressure of 1 bar without effort.
Ideal for tenders' inflatable floor.

- Capacity 5 +1,5 litre.
- Max. pressure : 1 bar - 14.5 psi.
- Dimensions : 32 x 23 x H 7 cm.

Air pressure gauge

35723

Helps checking the pressure of inflatable tenders and boats.
Fits easily on the inflator connector.

A

B

Hand pumps

Double action hand pump, takes the backache out of inflating fenders, tenders or SUP.
Constructed totally of plastic materials for rust free, low maintenance.
Comes complete with hose and nozzle fittings.

	Capacity	Ref.	Max. pressure	Body	Dimensions
A	2 x 2000 cc	**14301**	500 mbar - 7.2 psi	Polypropylene	21 x 10 x 45 cm
B	2 x 2500 cc	**10386**	600 mbar - 8.7 psi	ABS	21 x 12 x 47 cm

Electric inflator 12 V

70450

Suitable to inflate fenders, kitesurfs and SUPs.
Powered by cigarette-lighter plug or battery (connectors included).
Stops automatically when selected pressure is reached.

- Voltage 12 V.
- Power consumption : 20 A max.
- Dimensions : 19 x 10 x 13 cm.
- Output 160 L/ min.
- Pressure control 1250 mbar - 18 psi.
- Power 600 W.

Electric inflator 230 V

67487

Suitable to inflate or deflate all inflatable structures.
Features a sand filter.

- Voltage 230 V.
- Dimensions : 15 x 16 x 17 cm.
- Weight : 1.3 kg.
- Output 160 L/min.
- Pressure : 175 mbar - 2.5 psi.
- Power 600 W.

Option

Universal nozzle fittings kit
70451

Kit of 11 nozzle fittings and a tube adaptable to the electric inflator 70450. Adapted for inflating rubber dinghies, kites, rafts, air mattresses, pool inflatables...

39326 55670

Super Turbo electric inflators

Inflates and deflates large units in a few minutes (RIB's up to 5 m, kites, SUP...).

- Ajustable pressure.
- Powered by 12 V battery.
- Safe : stops automatically at selected pressure.
- Protected in a handy carry-bag.
- Weight : 1.9 kg. Model with battery : 4.8 kg.

Includes nozzle fittings, battery clips and 3 m power cable.

Piston flow rate	Turbine flow rate	Pressure	Ref.	Description	Power
150 L/min	450 L/min	300 mbar - 4.4 psi	**39326**	No battery. Dimensions 23 x 16 x 11.5 cm.	12 V - 15 A
		800 mbar - 11.6 psi	**47534**	No battery. Dimensions 23 x 16 x 11.5 cm.	12 V - 20 A
150 L/min	450 L/min	800 mbar - 11.6 psi	**55670**	Incorporates a 7 Ah rechargeable battery. Provides approx. 15 min independent operation when fully charged. Dimensions 28 x 18 x 18 cm. Includes a charger with cigarette-lighter plug.	12 V - 20 A
			55674	*230 V battery charger for inflator ref. 55670. With standard plug for the mains.*	

Quick and powerful : 7 m boat inflated in 7 minutes.

Turbo Max inflator

473348

Inflates and deflates inflatables and RIBs up to 10 m.

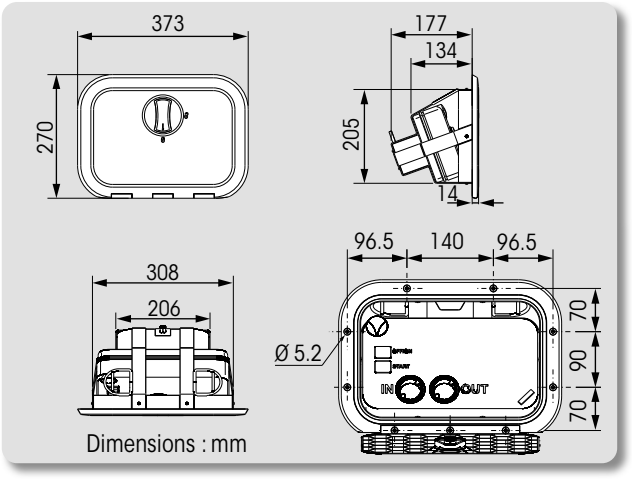
- Adjustable pressure (175 to 250 mbar)
- Powered by 12 V battery.
- 2 motors mounted on aluminium plate to disperse the heat.
- Safety fuse
- Comes in a handy carry-bag.
- Dimensions : 31 x 18 x 19 cm.
- Weight : 3.5 kg.

Includes nozzle fittings, battery clips and 3 m power cable.

Built-in Turbo Max inflator

- **White hatch + inflator : 66520**
- **Black hatch + inflator : 67093**

Same features as Turbo Max inflator, integrated in a waterproof hatch, to have the pump handy at all times. Suitable for SUP, tender, fender... Convenient : 3 m hose.



Inflation time

Ref.	Boat length	2.60 m	3.50 m	4.80 m	5.20 m	5.80 m	7.30 m	9.50 m
39326								
47534	**Super Turbo**	3 min	5 min	9 min	11 min	-	-	-
55670								
473348	**Turbo Max**	-	-	3 min	4 min	6 min	8 min	9 min
66520	**Built-in Turbo Max inflator**	-	-	3 min	4 min	6 min	8 min	9 min

Rigid tenders

PRS 210
& PRS 245 tenders

- Outstanding stability.
- Large built-in wheel.
- Central bench with reserve buoyancy.
- UV-resistant polyethylene.
- Highly resistant and very sturdy boat.

Model	**PRS 210**	**PRS 245**
Reference	**Grey : 40270**	**Grey : 42579**
Max number of persons		
Max. load	200 kg	250 kg
Length	2.10 m	2.45 m
Width	1.30 m	1.50 m
Depth	0.40 m	0.40 m
Weight	30 kg	41 kg
Max. engine HP (short shaft)	2 HP	3 HP
Specific features		
Transom mount roll-on wheel	1	1
Transom pad for outboard	✔	✔
Benches	Built-in central bench + removable bench with reserve buoyancy.	
Removable rowlocks	2	2
Flushmount rowlock sockets	2	2

Options & Accessories

- ***Spare accessories***
  Spare rowlock, Ø 51 mm : ***44681***
  Socket for rowlock Ø 51 mm : ***43588***

Spare wheel : ***31723***
Wheel bearing : ***26329*** *(1 unit in box, 2 bearings are needed to change the wheel)*

- ***Recommended oars***
  1.65 m : ***16547***
  1.80 m : ***16548***

Large built-in wheel for easy pulling, even on sandy or pebbly ground.

Slots for oars storage.

Wooden oars & paddles

Oars and paddles manufactured in quality seasoned pine. The oars in particular are laminated in several layers of wood which gives greater flexibility and durability.

Each blade tip is specially reinforced with a wedge shaped cross grain insert.

A + B. Brittania oars

Quality pine oars, heavily polyurethane varnished.
Wide 12 cm blades with shaped handgrip.
Brittania Plus : with PVC collars.

Length	BRITTANIA PLUS with PVC collars (A)	BRITTANIA without collars (B)
1.50 m	**16546**	**10162**
1.65 m	**16547**	**10163**
1.80 m	**16548**	**10164**
1.95 m	**16549**	**10165**
2.10 m	**16550**	**10166**
2.25 m	**16551**	**10167**
2.40 m	**16552**	**10168**
2.70 m	**16553**	**10170**
3.00 m	**16554**	**10171**
3.30 m	–	**22745**

C. Jointed oars

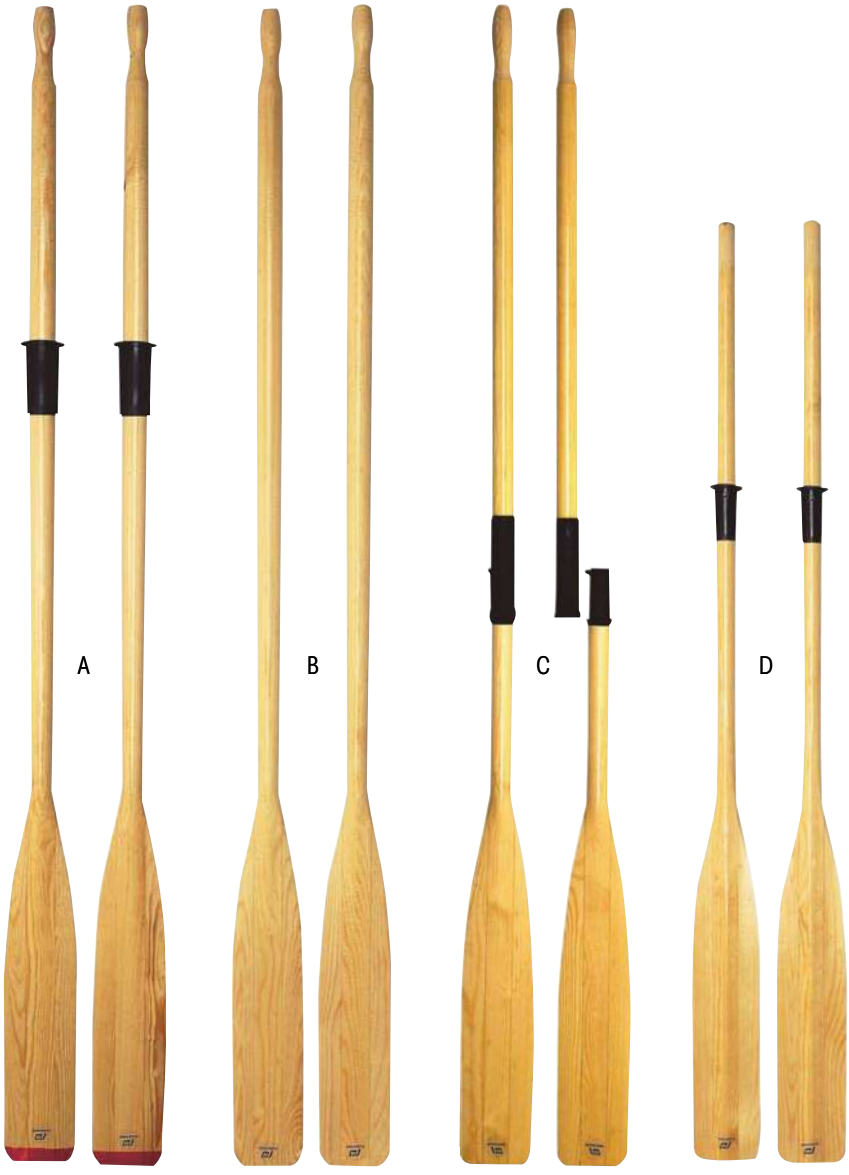
Heavily varnished pine oars.
Shaft Ø 35 mm. Wide 12 cm blades, with composite ferrule.
Ideal for inflatables or small dinghies.

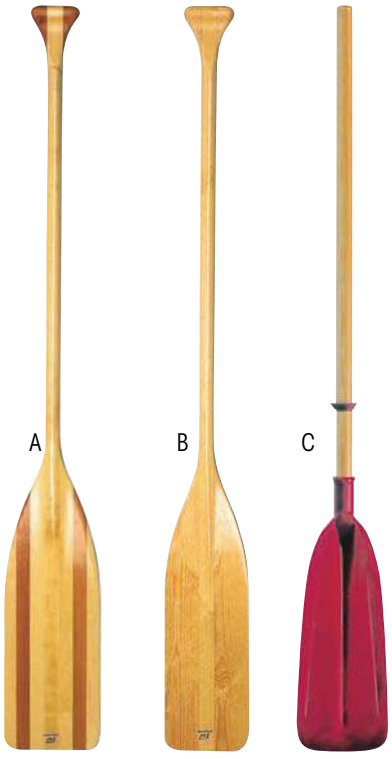
Length	Ref.
1.50 m	**10193**
1.65 m	**10194**
1.80 m	**10195**
1.95 m	**10172**
2.10 m	**10173**

D. Newbourne oars

Laminated, lightweight pine oars.
Shaft Ø 30 mm. Wide 12 cm blade.
Supplied with PVC oar collars.

Length	Ref.
1.50 m	**16561**
1.65 m	**16562**





Canadian paddles

Length	A - Canadian DeLuxe	B - Canadian standard pine	C - Junior paddle
1 m	-	**16566 :** 575 g	-
1.25 m	**10174 :** 575 g	**16567 :** 700 g	**16569 :** 650 g
1.40 m	**16563 :** 725 g	**10175 :** 750 g	-
1.50 m	**16564 :** 750 g	**16568 :** 800 g	-
1.60 m	**16565 :** 800 g	-	-
	Light and perfectly balanced. Aspen with insert of alder, and varnished. Shaft Ø 30 mm. Very broad blade : 18 cm. Reinforced blade tip.	Laminated in several layers and heavily varnished. Shaft Ø 30 mm. Blade fitted with spine. Blade width 16 cm with reinforced tip.	Laminated pine shaft with plastic blade. Supplied with drip ring. Shaft Ø 28 mm. Paddle width 16 cm.

Oarlocks

Chrome plated brass oarlocks

Ø Shank	Ø Oarlock	Width	Oarlock	Top-mount socket	Side-mount socket	
48 mm	12 mm	37.5 mm	**29610**	**29614**	**29612**	1
60 mm	13.5 mm	38 mm	**29611**	**29615**	**29613**	1

Polyamide oarlocks

Colour	Ø Shank	Ø Oarlock	Width	Oarlock	Top-mount socket	Side-mount socket	
Black	51 mm	17 mm	31 mm	**44681**	**43588**	**43587**	10
	56 mm	17 mm	37 mm	**44682**	**43588**	**43587**	10
White	51 mm	17 mm	31 mm	**197207**	**197210**	**197209**	1
	56 mm	17 mm	37 mm	**197208**	**197210**	**197209**	1

Options & Accessories

- ***Plastic oar collar*** (2)

Thermoplastic elastomers (TPE). For easier fitting, submerse the collar in soapy water.

Black, Ø 30 mm : ***64246***
Long. 88 mm, flange width 50 mm.
For Newbourne oars ref. 16561 & 16562.

Black, Ø 44 mm : ***64247***
Long. 115 mm, flange width 70 mm.
For Brittania oars ref. 10162 to10170.

Grey, Ø 47 mm : ***64248***
Long. 150 mm, flange width 70 mm.
For Brittania oars ref. 10171 & 22745.

- ***Clip*** (10)

Newbourne oars, Junior and Canadian paddles, clip Ø 30 mm : ***45210***

Jointed oars, clip Ø 40 mm : ***45236***

For all Brittania models, clip Ø 45 mm : ***45242***

- ***Plasticlip holder 37034***

Holds an oar Ø 40 to 45 mm along a horizontal or vertical tube. Adapts to any tube diameter from Ø 18.5 to 25.5 mm. Supplied complete with screws and nuts.

Oars and paddles

Single oars and paddles

Anodised aluminium shaft, plastic blades.

	Model	Length	Shaft Ø	Ref.
A	Jointed oar for tender. Sold in pairs.	Assembled 1.60 m. Taken apart 1.05 m	35 mm	**10399**
B	Oar for tender. Supplied with oar collar.	1.50 m	35 mm	**11791**
		2 m	35 mm	**11792**
C	Paddle for tender.	1.40 m	35 mm	**62264**
D	Paddle with take-away blade. Sold in pairs.	1.50 m	28 mm	**10401**

A B C D

E F G H I

Oars-Paddles

	Model	Length	Shaft Ø	Ref.
E	Jointed telescopic boat hook/paddle.	1.20 m to 1.80 m. Taken apart : 80 cm	25 - 30 mm	**10400**
F	Telescopic paddle-hook, with handle integrated to the blade.	1.56 to 2.30 m	30 mm	**44365**

Kayak paddles

	Model	Length	Shaft Ø	Ref.
G	Kayak paddle with 90°, Lexan spoon-shape blades. Aluminium shaft coated with oven baked polyethylene paint.	2.26 m	28 mm	**16570**
H	70° spoon shaped blades for optimum penetration into the water. Lightweight and highly-resistant aluminium shaft.	2.15 m	28 mm	**51151**
I	Adjustable shovel orientation. Stored length: 1.43 m.	2.10 to 2.40 m	29 mm	**67091**

Paddle for stand-up paddle

Lightweight and buoyant.
Telescopic handle in 3 parts.
Weight : 950 g.
Handle diameter : 29 mm.
Shovel in reinforced polyamide.

Shaft	Length	Ref.
Fiberglass	1.70 - 2.15 m	**65543**
Aluminium	1.65 - 2.10 m	**70157**

Hooks

Floating pine hooks

	Model	Length cm	Ø Shaft 30 mm	Ø Shaft 32 mm	Hook colour	*Spare hook*
A	Floating pine boat hook.	120	**16591**	-	Grey	***62244***
		180	**16592**	-		
B	Floating pine boat hook. Plastic en buffer. Anodised light alloy hook.	180	-	**10333**	White	***14733***
		240	-	**10334**		
		300	-	**10335**		
C	Floating pine boat hook. Plastic end buffer. Plastic hook.	180	**10337**	-	Grey	***62244***
		240	**10338**	-		
		300	**10339**	-		

Fibre glass hooks

	Model	Length cm	Ø Shaft 25 mm	Hook colour
D	Fibre glass boat hook. Combines strength with lightness. White.	120	**10111**	Black
		180	**10112**	
		240	**10113**	

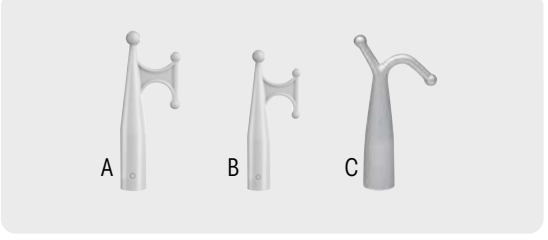
Light alloy hooks

	Model	Length cm	Ø Shaft 25 mm	Hook colour	*Spare hook*
E	Floating anodised light alloy. Rubber end buffer. Plastic hook.	130	**62090**	Grey	***62095***
		180	**62091**		
		210	**62092**		

Options & Accessories

• Replacement hooks

	Model	*Colour*	*25 mm*	*Ø int. 30 mm*	*32 mm*
A	*Female hook fitting, plastic*	*Grey*	-	***62244***	-
B	*Female hook fitting, plastic*	*Grey*	***62095***	-	-
C	*Female hook fitting, anodised aluminium*	*Grey*	-	-	***14733***



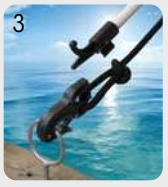
• Plasticlip holder
37034
To be fixed on Ø 18.5 to 25.5 mm pulpit or stanchion.
Suitable for any tube with a diameter from 40 to 45 mm.
Screws and nuts included.

Automatic boathook Handydock

Automatic boathook designed to make docking safer. Equally suitable to dock in or dock off, even under heavy loads. Resists 1.5-ton load.

For boats up to 20 m (65 ft).

- **HandyDock 22**
  ø rope max 22 mm : **2450122**
- **HandyDock 33**
  ø rope max 33 mm : **2450133**



Accessories

- *Bollards back up loop : **2452020***

- *Triggerhook – end piece boatbook : **2452010***

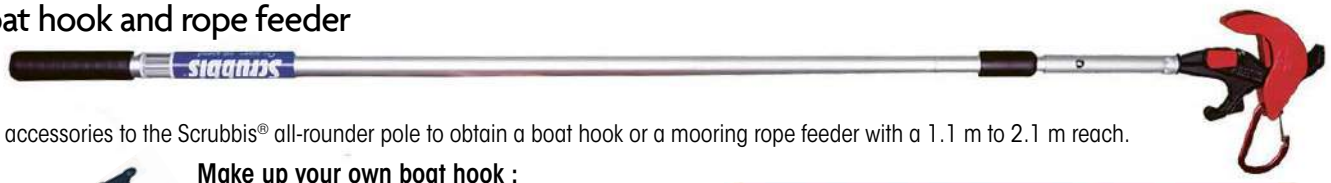
- *Telescopic boathook 96/167 cm : **2451167***
- *Telescopic boathook 113/200 cm : **2451200***
- *Telescopic boathook 136/250 cm : **2451250***

Mooring accessories

Scrubbis®
Go green, get speed.

The addition of mooring accessories makes the must-have pole a major contributor to smooth docking and safe mooring on buoys.

Boat hook and rope feeder



Add accessories to the Scrubbis® all-rounder pole to obtain a boat hook or a mooring rope feeder with a 1.1 m to 2.1 m reach.

Make up your own boat hook :
Telescopic aluminium pole :
2486151
+ Boat hook : 67737

Make up your own hook and rope feeder :
Telescopic aluminium pole :
2486151
+ Boat hook + rope feeder :
2486107

Helps running the mooring rope through the buoy ring safely and easily.

Mooring hook

67738

Highly resistant hook (2500 kg SWL) in 316 stainless steel construction for a secured mooring.
Latch locks automatically when rope is tensioned.
Extra safe : hook can be open only if no tension is exerted on the rope.

Hookgrip and sling holder

67736

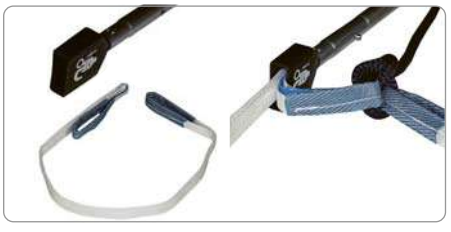
Safe and easy mooring or docking.
Holder comes on its own, fully efficient when combined with mooring hook or sling strap.

Sling strap

67739

Safe and easy mooring.
High resistance sling (2500 kg SWL).
Fits into the optional hookgrip holder ref. 67736 and forms a loop up to 32 cm Ø.

Sling strap comes on its own. Scrubbis® telescopic pole ref. 2486151 provides up to 2.10 m reach and needs to be ordered separately.



Anchors

A good anchor is your best insurance policy.
What is a good anchor ?
An anchor that enables you to face all situations safely : open berth in a nice calm weather, or "emergency" berth when the boat drifts towards the rocks.

The basic rules of a good anchoring system

Do not overlook the importance of every element in your anchoring system : it is only by selecting top quality elements and assembling them correctly together that one obtains a perfectly reliable anchoring.

- **Chain :** diameter must be generous and length at least 5 times the boat length (see table).
- **Rope :** opt for polyamide, which provides good abrasion and tension resistance, with a good stretching capacity (18 to 25%) to absorb the surges that waves impact on the anchor.

Numerous tests carried out throughout the world have demonstrated that **the geometric proportions of the anchor are more important than its actual weight.**

Anchors such as the Kobra, bites into the seabed within seconds due to its weighted tip and holds very well thanks to its broad shoulders. Tests carried by French magazines Voile Magazine and Moteur Boat Magazine gave clear evidence that "a 6 kg Kobra anchor held a 600 kg traction load, in a mixed sand-mud seabed", which corresponds approx. to the traction exerted by a 42-knot wind on a 9 m boat, where a 12 kg anchor is traditionally recommended.

When the local regulation imposes a minimum anchor weight for a given size of boat, it is imperative to follow strictly the regulation. In the absence of a specific regulation, we suggest that you use our table as a guide, to select your primary and secondary anchors.

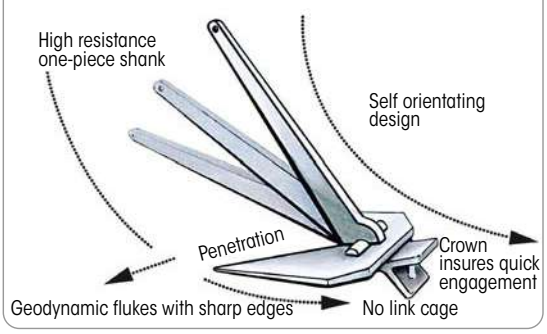
Which anchor for which boat and use ?

Max. boat length	Boat displacement	Min. anchor weight	Ø schackle	Ø chain	Nylon rope Ø
Dinghy, tender, Optimist	-	2 kg 4,4 lb	8 mm	6 mm	6 mm
Dinghy, inflatable boat Small catamaran up to 4 m	300 kg	3.5 kg 7.7 lb	8 mm	6 mm	6 - 8 mm
Boat up to 5.50 m	800 kg	6 kg 13 lb	8 mm	6 mm	10 mm
6.50 m	1000 kg	8 kg 17 lb	8 mm	6 - 7 mm	10 mm
7.50 m	2000 kg	10 kg 22 lb	10 mm	8 mm	14 mm
9 m	3000 kg	12 kg 26 lb	10 mm	8 mm	14 mm
10.50 m	4500 kg	14 kg 31 lb	10 mm	8 mm	14 mm
12.50 m	8000 kg	16 kg 35 lb	12 mm	10 mm	18 mm
16 m	12000 kg	20 kg 44 lb	12 mm	10 mm	18 mm
18 m	16000 kg	24 kg 50 lb	16 mm	12 mm	22 mm
20 m	20000 kg	34 kg 75 lb	16 mm	14 mm	24 mm
25 m	30000 kg	40 kg 88 lb	16 mm	14 mm	24 mm
+ 25 m	+ 30000 kg	60 kg 140 lb	18 mm	16 mm	28 mm

The anchor weight is only given as an indication, per length of boat.
However, this criterion alone is not sufficient, and your anchor selection should also recognise the specific construction of your vessel.

Flat anchors

High resistance galvanised steel (55 kg of steel per sq. mm).

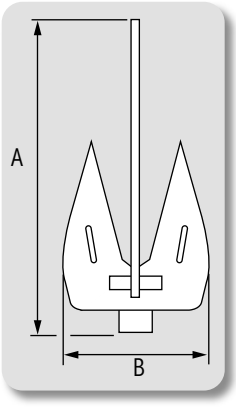


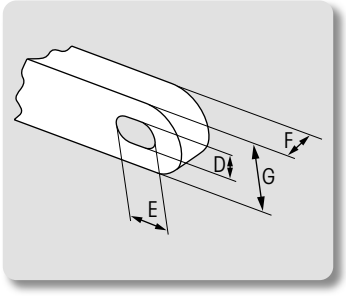
Britany® anchor

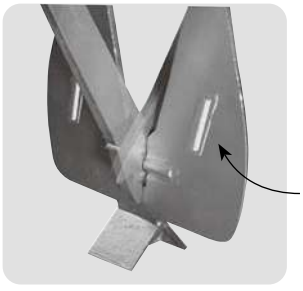
Instant biting into the sea bed :
- To prevent potential fouling, the Britany has no large crown.
- To avoid clogging by pebbles, the Britany has no link cage.
- Thin flukes with sharp edges : ensures quick digging even in the hardest sea beds.
- Geodynamic flukes, ensuring easy burial and perfect holding.
- High resistance shank, cast in one piece : gives perfect resistance even to a strong lateral pull.
- Narrow crown, designed to lift the rear of the anchor, so that the flukes dig in immediately.

Boat length	BRITANY	WEIGHT kg	WEIGHT lb	A mm	B mm	D mm	E mm	F mm	G mm
Dinghy, tender	**16456**	**2**	4.4	410	185	10	20	12	22
Dinghy, small catamaran	**16457**	**3.5**	7.7	498	219	10	20	14	26
5.50 m	**16458**	**6**	13	547	270	12	24	14	30
6.50 m	**16459**	**8**	17.6	647	312	12	24	14	30
7.50 m	**16460**	**10**	22	732	347	14	28	16	37
9 m	**16461**	**12**	26.5	786	347	14	28	18	41
10.50 m	**16462**	**14**	30.8	788	368	14	28	18	41
12.50 m	**16463**	**16**	35.3	841	368	16	32	20	41
16 m	**16464**	**20**	44	910	414	16	32	22	41
18 m	**16465**	**25**	55	970	451	16	32	22	44
20 m	**16466**	**35**	77	1038	522	19	38	22	52
25 m	**16467**	**45**	100	1085	550	25	50	25	64
+ 25 m	**16468**	**65**	143.3	1196	594	28	56	30	72
	16469	**90**	198.5	1297	666	31	62	35	80

Anchor weight per boat length is only given as an indication. However, your anchor selection should also recognise the specific construction of your vessel.







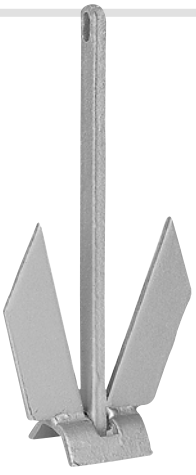
The Britany is the only flat anchor with a shank designed not to foul, thus preventing the anchor from breaking away. It bites into the seabed within seconds.

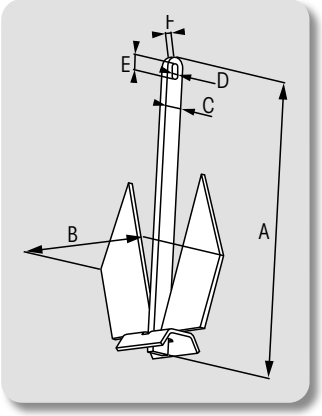
Reinforced structure on size 35 Kg and up.

Grip anchor

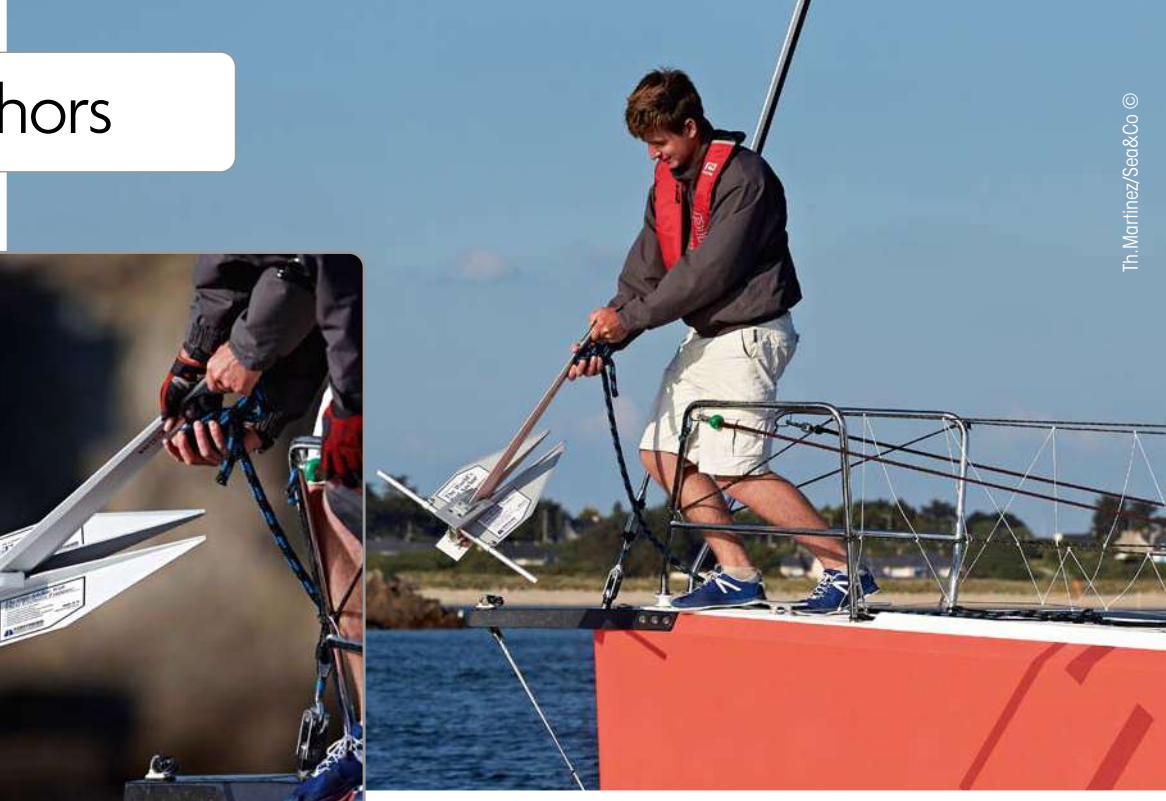
Hot galvanised steel.

Boat length	Ref.	Weight kg	A mm	B mm	C mm	D mm	E mm	F mm
Dinghy, tender	**16453**	**2.5**	390	186	24	12	24	14
Dinghy, small catamaran	**16454**	**5**	482	244	35	12	24	14
5.50 m	**16455**	**7**	580	313	40	12	24	14
6.50 m	**26894**	**9**	630	348	45	16	32	16





Alloy anchors



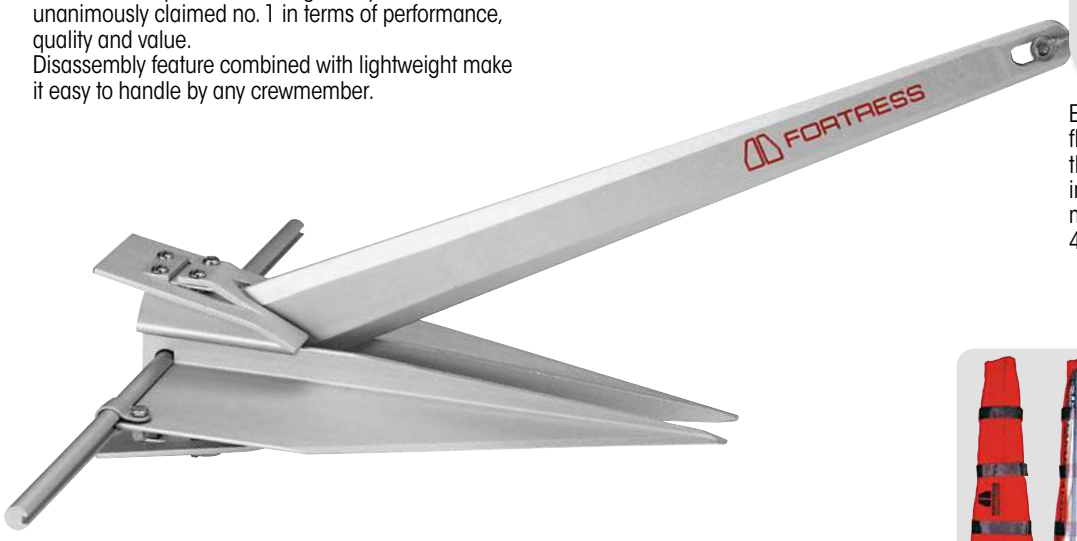
Th Martinez/Sea&Co ©

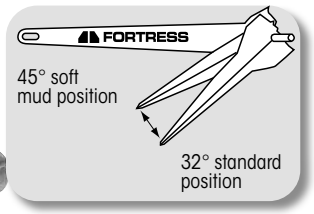
LIFETIME Warranty

FORTRESS MARINE ANCHORS

Fortress anchor

A worldwide reputation : the legendary Fortress, unanimously claimed no. 1 in terms of performance, quality and value.
Disassembly feature combined with lightweight make it easy to handle by any crewmember.

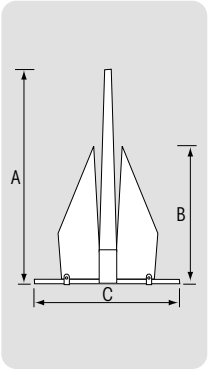




Exclusively on Fortress : the flukes can be adjusted from the normal 32° angle to 45°, to increase holding power in soft mud bottoms by as much as 400 %.

Optional storage bag for Fortress anchor.

Boat length	Description	Ref.	Weight		Replaces steel anchor		A mm	B mm	C mm	*Storage bag for Fortress*
			kg	lb	kg	lb				
Below 8 m	**FX-7**	**35892**	**1.9**	4.1	3-4	6-9	610	356	483	***55689***
8 to 10 m	**FX-11**	**35893**	**3.2**	7.1	4-6	10-13	686	406	559	***55690***
10 to 12 m	**FX-16**	**35894**	**4.7**	10.4	6-8	14-18	787	457	635	***55691***
12 to 14 m	**FX-23**	**35895**	**7.1**	15.6	9-13	19-28	914	533	737	***55692***
14 to 15.50 m	**FX-37**	**35896**	**10.6**	23.5	15-23	33-50	1016	610	813	***55693***
16 to 18 m	**FX-55**	**39204**	**16**	35.4	23-29	50-65	1168	686	940	***65975***
18 to 21 m	**FX-85**	**39205**	**22.9**	50.6	32-41	70-90	1295	762	1041	***65976***
21 to 46 m	**FX-125**	**39206**	**32.4**	71.4	45-77	100-170	1422	838	1143	***65977***



Dimensions and weights include mud palms.

Fortress or Guardian ?

Specifications	FORTRESS	GUARDIAN
Aluminium/magnesium alloy	✔	✔
Tough anodised finish	✔	-
Non-magnetic, corrosion resistant	✔	✔
Adjustment of fluke angle for soft mud	32° - 45°	32°
Additional machining of shaft and flukes	✔	-
Disassembles for easy storage	✔	✔
Parts replacement warranty	**Lifetime**	1 year

Fortress and Guardian anchors can be disassembled for storage or parts replacement.

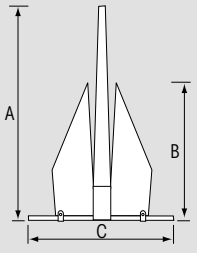
Fortress and Guardian anchors are supplied with mud palms.

Guardian Anchor

More affordable and slightly less sophisticated alternative to the Fortress, the Guardian anchor is also constructed from aluminium/magnesium alloy and is impervious to corrosion.

Boat length	Model	GUARDIAN	Weight		Replaces steel anchor		A mm	B mm	C mm
			kg	lb	kg	lb			
5 to 7 m	**G-7**	**36102**	**1.3**	2.9	3-4	6-9	559	330	457
7 to 8 m	**G-11**	**36103**	**2.2**	4.8	5-6	10-13	635	381	508
8 to 10 m	**G-16**	**36104**	**3.8**	8.3	6-8	14-18	737	432	584
10 to 12 m	**G-23**	**36105**	**5.5**	12.2	9-13	19-28	838	483	686
12 to 14 m	**G-37**	**36106**	**8.2**	18.1	14-22	33-50	965	558	787
14 to 16 m	**G-55**	**55675**	**12.4**	27.3	23-29	50-65	1092	635	889

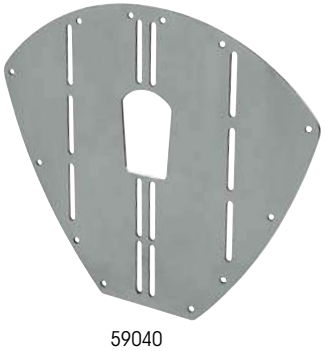
Dimensions and weights include mud palms.



Bow shields

316 stainless steel plate.
Protects the bow from knocks and chafe when retrieving the anchor.
Metal sheet is pre-bent to allow for installation on any bow design.
Model with hole is designed for a bow with a towing ring.
Mounting with 12 x Ø 4.2 mm stainless steel screws (not supplied).

Ref.	Width	Height	Thickness	Weight
58388	350 mm	345 mm	1,5 mm	650 g
59040	320 mm	277 mm	1,5 mm	950 g



59040

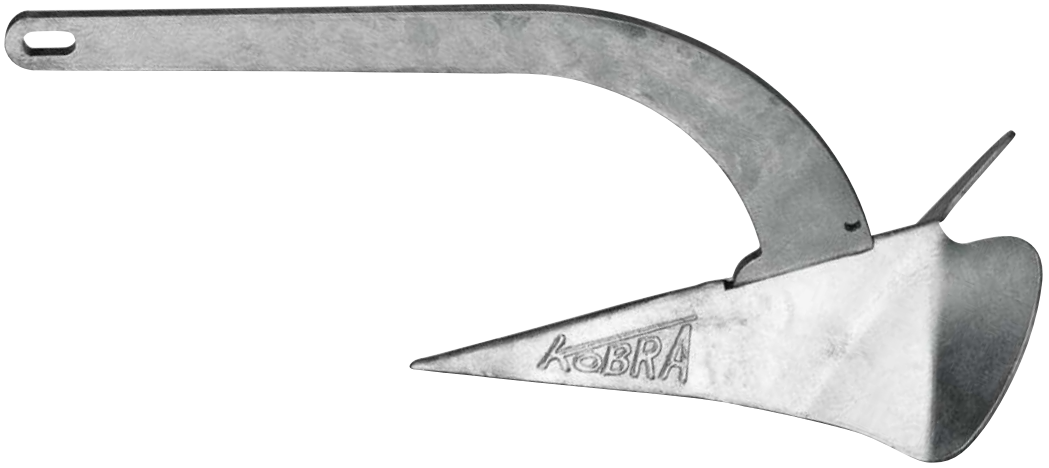
58388

Plough anchors

Kobra® anchor

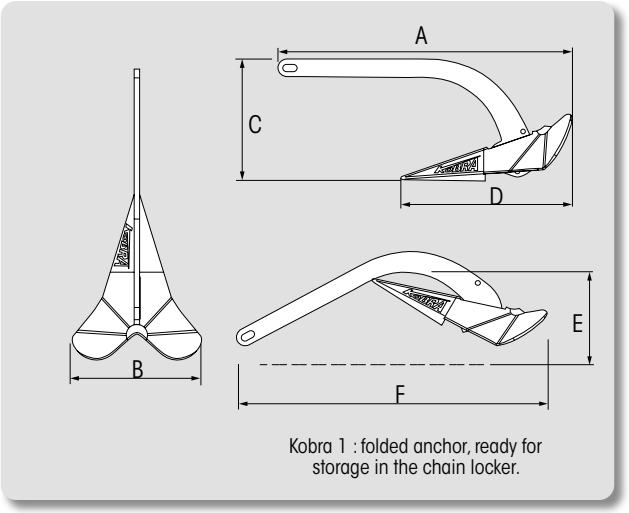
The Kobra anchor bites into the seabed within seconds and has a very high holding power, thanks to its weighted tip and very broad shoulders.
The outstanding performance of the Kobra results from its particular geometric proportions, which allow you to select safely up to 2 sizes down compared to the usually recommended anchor weight.

High resistance galvanised steel : 55 kg/mm²



• Kobra 1 with folding shank (patented)
Cleverly designed to be stored on the bow roller or stowed in the chain locker thanks to its collapsible shank. Its high holding power makes it ideally suitable for use as a picnic anchor, used in conjunction with a weighted mooring line.
This reduces the effort necessary in the absence of windlass.

• Kobra 2 with fixed shank.
Anchor is supplied with shank not locked (for transport).
Shank must be secured and bolted before use.



Kobra 1 : folded anchor, ready for storage in the chain locker.

Boat length	Model	Ref.	Weight kg	Weight lb	A mm	B mm	C mm	D mm	E mm	F mm
4 m	KOBRA 1 folding galva	**39140**	**2**	4.4	408	182	168	238	132	441
6 m		**39141**	**4**	8.8	523	236	218	310	170	567
8 m		**37680**	**6**	13.2	592	270	247	359	190	638
10 m		**37688**	**8**	17.6	640	294	265	388	205	693
12 m		**37649**	**10**	22	698	322	290	424	222	758
13 m	KOBRA 2 fixed galva.	**49223**	**12**	26.5	739	341	305	452	234	800*
14.50 m		**49226**	**14**	30.8	789	361	330	500	254	852*
16 m		**49229**	**16**	35.3	815	374	340	503	259	881*
18 m		**49296**	**20**	44.1	863	409	366	536	275	940*
20 m		**49304**	**25**	55.1	937	456	395	586	296	1023*
25 m		**49360**	**35**	77.2	1029	483	446	644	331	1121*

*Dimension F shows shank not locked, for transport convenience. Shank must be bolted before use.

Approved by the quality certification organisme :

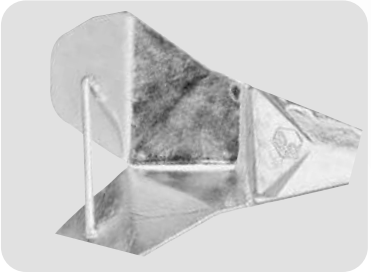
Lloyd's Register HHP-Approved

DC anchor

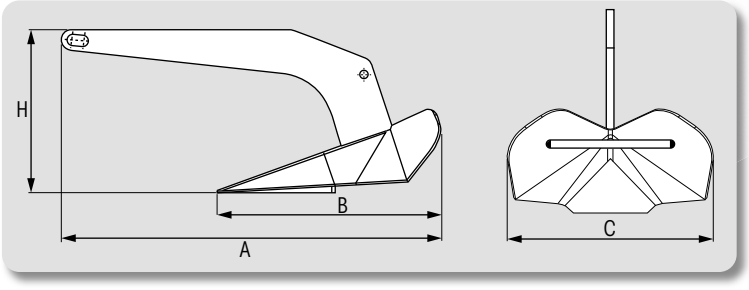
Plough anchor with high holding power.

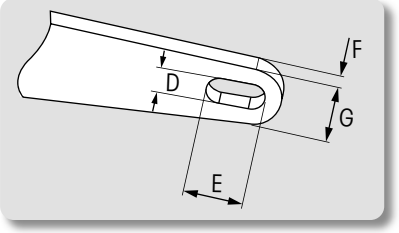
The shaft shape and broad-shoulder flukes combined with a weighted tip contribute to a low gravity point, providing self launching performance and instant setting.

Adapts naturally to a bow roller.



Marine grade alloy, hot dipped galvanised.
Yieldstrength 420 MPa.



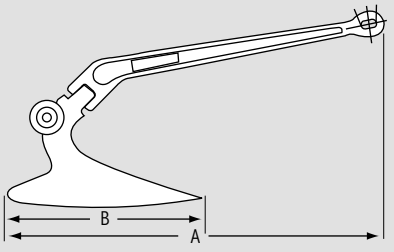


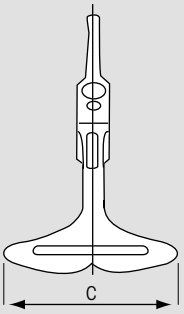
Boat length max.	Ref.	Weight kg	Weight lb	A mm	B mm	C mm	H mm	D mm	E mm	F mm	G mm
6-9 m	**63714**	**4**	9	514	303	230	217	16	35	8 ± 0.35	32
9-12 m	**63715**	**6**	14	593	350	265	254	16	35	10 ± 0.4	32
12-15 m	**63716**	**10**	22	695	410	310	293	19	42	12.1 - 13.5	38
15-18 m	**63717**	**16**	35	812	482	362	339	19	42	12.1 - 13.5	44
18-20 m	**63718**	**20**	44	877	518	392	370	24	48	16 ± 0.4	48
20-21 m	**63719**	**25**	55	945	558	415	397	24	48	16 ± 0.4	52
21-23 m	**63720**	**32**	70	1023	603	445	425	26	62	18 ± 0.5	56
23-24 m	**63721**	**40**	88	1099	665	489	461	24	48	20 ± 0.5	52
24-27 m	**63722**	**50**	110	1175	695	523	486	24	48	20 ± 0.5	52
27-30 m	**63723**	**63**	140	1270	760	567	537	28	56	22 ± 0.5	60

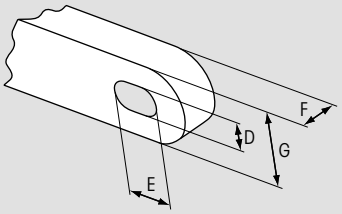
Soc® anchor

Plough anchor, available in hot dipped galvanised steel and in 316 L stainless steel.

Boat length	Galvanised Steel	Weight* kg	lb
5.50 m	**37846**	7	15
6.50 m	**37847**	9	20
9 m	**37848**	12	25
12.50 m	**37849**	15	32
17 m	**37850**	22	45

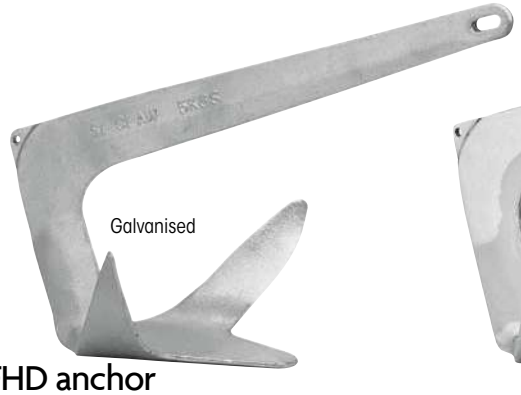


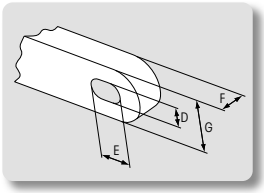


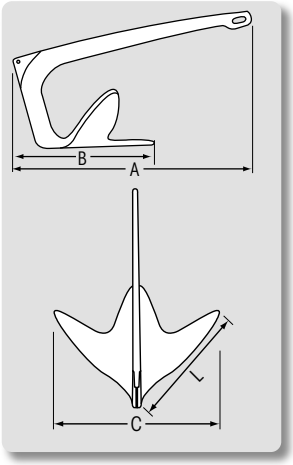


Anchor weight* kg	lb	Galva. SOC A mm	B mm	C mm	Eye Ø D mm	E mm	F mm	G mm
7	15	750	400	250	19	19	18	44.5
9	20	800	410	270	15	15	19	42
12	25	930	440	305	16.7	16.7	25.5	51.4
15	32	970	480	320	17.5	17.5	21	48
22	45	1000	517	360	23	23	21.6	55
27	60	1080	670	420	22	22	22	53.5

* Anchor weight can fluctuate slightly due to the manufacturing process.







FHD anchor

- Galvanised steel : thermal treatment increases the breaking resistance.
- 316 L Stainless steel : dipped in decontaminating fluid, totally impervious to corrosion.

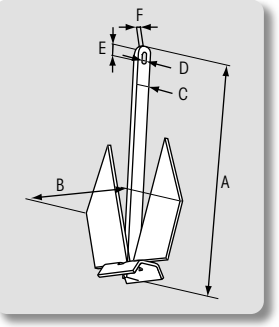
Boat length	Weight kg	lb	Galvanised	A mm	B mm	C mm	L mm	Stainless steel	A mm	B mm	C mm	L mm	Eye Ø E mm	D mm	F mm	G mm
3.50 m	**2**	4.5	**51602**	350	140	195	130	**-**	-	-	-	-	-	-	-	-
5 m	**5**	11	**35735**	470	260	300	215	**-**	-	-	-	-	24.5	9	9.7	29
6.50 m	**7.5**	17	**35736**	470	300	330	240	**35741**	450	285	340	240	27.5	14.2	12.5	33.8
7.50 m	**10**	22	**35737**	520	315	370	265	**35742**	520	315	375	270	30.6	13	13	32.5
10.50 m	**15**	33	**35738**	620	365	440	320	**35743**	615	355	440	310	38	14.5	14.5	38
16 m	**20**	44	**35739**	690	390	450	330	**35744**	650	395	460	330	40	22	22	51
19 m	**30**	66	**-**	-	-	-	-	**37853**	765	450	515	375	40	22	22	51

The anchor weight can be subject to variations due to the manufacturing process.

Flat anchor

Most popular type of anchor.
Hot galvanised steel.

Max boat length	Weight kg	Ref.	A mm	B mm	C mm	D mm	E mm	F mm
Catamaran	4	**401040**	460	255	30	12	12	12
5.50 m	6	**401041**	510	280	35	12	32	15
6.50 m	8	**401042**	535	315	36	16	16	36
7.50 m	10	**401043**	580	340	40	18	18	15
9 m	12	**401044**	560	350	40	18	18	20
11 m	15	**401047**	630	385	50	20	20	18
16 m	20	**401048**	750	360	50	20	20	20
18 m	25	**404955**	800	425	55	20	20	25
20 m	30	**401049**	810	500	60	22	22	27
25 m	40	**401054**	910	510	67	22	22	27
+25 m	50	**414194**	1000	560	85	26	26	27
	75	**414195**	1135	620	88	35	35	27



Mini mooring package

67441

Ideal for small crafts like kayak, jet ski, sport boat, tender, stand up paddle. Compact and easy to use, this mooring package could be used with any kind of grounds, in the sea or river.
Weight : 1.9 kg. Dimensions 32 x ø 9 cm.
The kit is composed of :

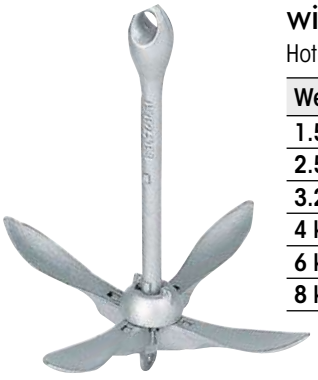
- Grapnel 1.5 kg.
- Rope 7.6 m.
- Stainless steel hook.
- Quilted and reinforced cover.

Mushroom anchor

Blue PVC coated metal. Ideal for small crafts like kayak, tenders… It offers excellent holding power in the mud or fine sand. The mud or fine sand comes into the cup through the holes, the anchor works as a sucker. Perfectly suitable in fresh water. The round shape of the anchor avoids any damage on the boat hull.

Ref.	Weight	Overall height	Diameter	For shackle
67301	3.6 kg	180 mm	160 mm	8 mm
67302	4.5 kg	190 mm	200 mm	8 mm
67303	6.8 kg	240 mm	220 mm	12 mm
67304	9.1 kg	250 mm	240 mm	12 mm

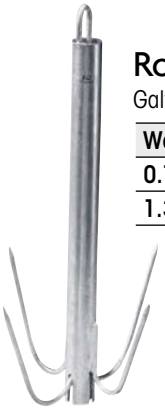
Grapnels



Folding grapnel with spoon flukes

Hot galvanised steel.

Weight	Ref.	Length
1.5 kg	**16471**	300 mm
2.5 kg	**16472**	360 mm
3.2 kg	**16473**	410 mm
4 kg	**16474**	450 mm
6 kg	**16475**	550 mm
8 kg	**16476**	570 mm



Rockfish grapnel

Galvanised steel.

Weight	Ref.	Length
0.7 kg	**13255**	360 mm
1.3 kg	**13256**	435 mm

Grapnel holder

16920

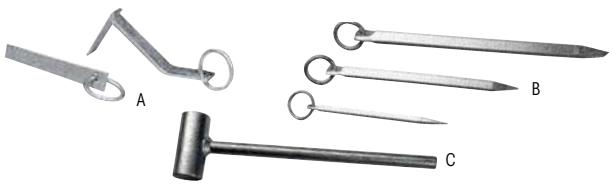
Soft white PVC, UV-treated.
Length 260 mm.
For grapnel 2.5 kg max.

Folding grapnel with straight flukes

Hot galvanised steel.

Weight	Ref.	Length
0.7 kg	**17682**	190 mm
1.5 kg	**16449**	330 mm
2.3 kg	**16450**	350 mm
3.5 kg	**16451**	410 mm
5.5 kg	**16452**	470 mm
7.5 kg	**13257**	530 mm
10 kg	**13258**	620 mm
12 kg	**13259**	640 mm

Accessories



- ***Mooring wedges***
  Galvanised steel.

A. Wedges for rock,
- *Straight :* ***13967***
- *Cranked :* ***13968***

B. Pegs for soft grounds
(ex. muddy waters, river or canal banks)
- *12 x 300 mm :* ***27505***
- *20 x 425 mm :* ***27506***
- *25 x 550 mm :* ***27507***

C. Hammer
27498

Mooring bollards

Screw-type bollards, 316 stainless steel

Ref.	Ø	Height	Width	Base	Drilling	Hole spacing
51177	50 mm	95 mm	130 mm	92 x 92 mm	Ø 6 mm	60 x 60 mm
51178	60 mm	120 mm	160 mm	97 x 122 mm	Ø 8 mm	65 x 95 mm
51179	70 mm	142 mm	180 mm	118 x 140 mm	Ø 8 mm	80 x 105 mm
416146	80 mm	172 mm	200 mm	150 x 120 mm	Ø 10 mm	80 x 115 mm

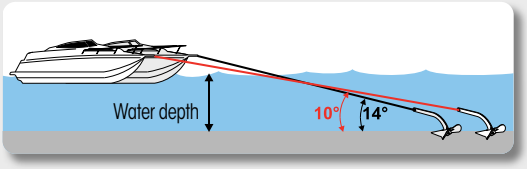
A

B

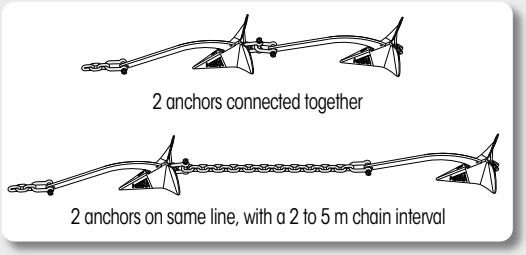
Threaded chromed brass bollards

	Ref.	Ø	Height	Length	Width	Hole spacing	Threading
A	**401489**	65 mm	65 mm	170 mm	40 mm	90 mm	M10
B	**418325**	85 mm	74 mm	200 mm	65 mm	105 mm	M12
	418326	90 mm	87 mm	250 mm	80 mm	135 mm	M14

Safe anchoring



The variety of seabeds and the length of the anchor rode impact the anchor holding power enormously. It is therefore recommended to have systematically 2 anchoring systems, regardless of boat size and regulation.



• Bower and secondary anchor

Use for example a plough anchor Kobra-type, efficient on 80 % of seabeds, and a flat Britany-type anchor, ideal for soft grounds.

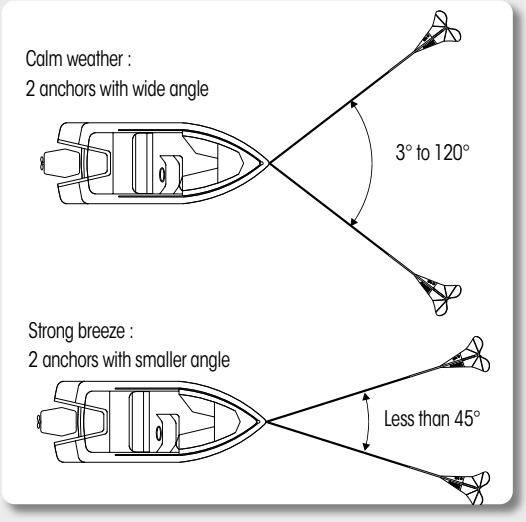
• A third anchoring rode

Is also advisable : aluminium anchor with a weighted rope. Easy to handle by the whole crew and ideally suitable for a "lunch-hook", it can also be used as an extra emergency anchor.

• Scope of anchor line

Should be determined according to the water depth below the keel and the wind conditions :

- less than 10 m : 3 times the water depth, up to Force 3
  5 times the water depth, up to Force 6
  7 times the water depth, up to Force 9 ;
- more than 10 m : no more than 5 times the water depth ;
- beyond Force 9 : you should set 2 anchors, either each on its own line, or both anchors on the same line.



Mooring packages

To help you make the right choice, Plastimo has put together all the mooring equipment you need in a package including a Britany, Kobra or Grip anchor, together with the chain, rope and shackles.

Britany package

Anchor	BRITANY 8 kg	BRITANY 10 kg	BRITANY 12 KG	BRITANY 14 kg	BRITANY 16 kg	BRITANY 20 kg
Boat's length	< 6.50 m	6.50 – 7.50 m	7.50 – 9 m	9 – 10.50 m	10.50 – 12.50 m	12.50 – 16 m
Boat's weight	< 1000 kg	1000 – 2000 kg	2000 – 3000 kg	3000 – 4000 kg	4500 – 8000 kg	8000 – 12000 kg
Ref.	**35202**	**35203**	**35204**	**35205**	**35206**	**35207**
Chain	13 m, Ø 6 mm	15 m, Ø 8 mm	18 m, Ø 8 mm	21 m, Ø 8 mm	25 m, Ø 10 mm	32 m, Ø 10 mm
Stranded polyamide	20 m, Ø 10 mm	23 m, Ø 14 mm	27 m, Ø 14 mm	32 m, Ø 14 mm	38 m, Ø 18 mm	48 m, Ø 18 mm
Galvanised bow shackle	Ø 8 mm	Ø 10 mm	Ø 10 mm	Ø 10 mm	Ø 12 mm	Ø 12 mm
Total weight	25 kg	31 kg	52 kg	60 kg	109 kg	140 kg

Kobra package

Recommended for use on open cruisers, RIB's and small sailboats.

Anchor	KOBRA 4 kg	KOBRA 6 kg
Boat length	4 – 6 m	6 – 8 m
Ref.	**46564**	**46566**
Chain	8 m Ø 6 mm	10 m Ø 6 mm
Stranded polyamide	30 m Ø 6 mm	30 m Ø 8 mm
Galvanised bow shackle	Ø 8 mm	Ø 8 mm
Total weight	12.2 kg	16.4 kg

Grip package

Anchor	GRIP 5 kg	GRIP 7 kg
Boat length	4 – 6 m	6 – 8 m
Ref.	**46565**	**46567**
Chain	8 m Ø 6 mm	10 m Ø 6 mm
Stranded polyamide	30 m Ø 6 mm	30 m Ø 8 mm
Galvanised bow shackle	Ø 8 mm	Ø 8 mm
Total weight	13.5 kg	17.4 kg

Windlasses

12 V windlasses for boats from 6 to 16 m (19 to 52 ft).
Low profile or with drum, they come equipped with :

- Gipsy,
- Up / Down control box,
- Sensor for chain counter.

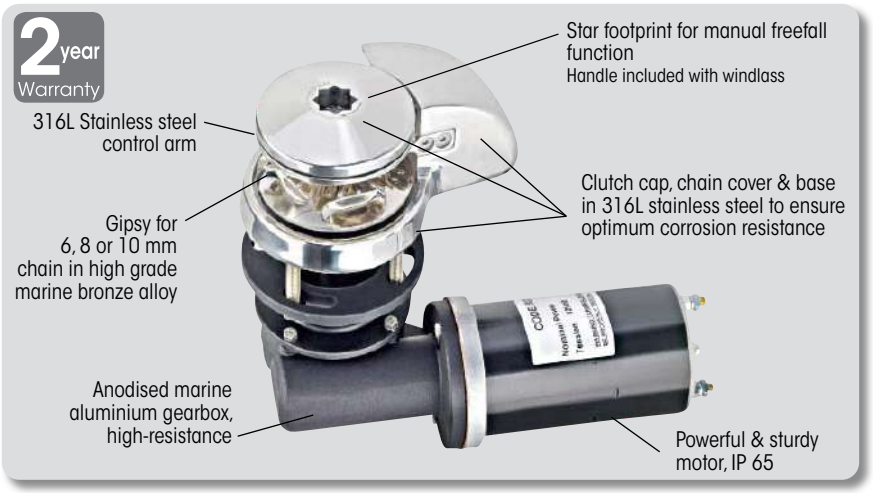
All 316L AISI stainless steel windlass, or anodised aluminium body with 316L AISI gipsy and drum.

1000 or 1500 W PLUS
model with drum

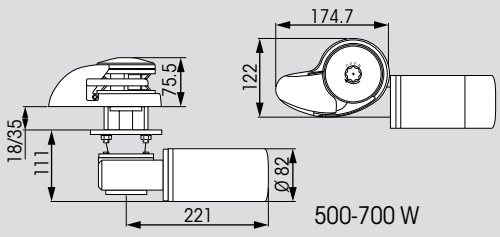
Model	Ref.	Gipsy*	Lift working load
Vertical windlasses			
500 W	**63508**	6 mm chain / 10-12 mm rope	90 kg
500 W	**63510**	8 mm chain / 12 mm rope	90 kg
700 W	**63514**	6 mm chain / 10-12 mm rope	100 kg
700 W	**63516**	8 mm chain / 12 mm rope	100 kg
1000 W PLUS	**64772**	8 mm chain / 14-16 mm rope	130 kg
1000 W PLUS with drum	**64678**	8 mm chain / 14-16 mm rope	130 kg
1500 W PLUS with drum	**64679**	10 mm chain / -	130 kg
V** - 500 W	**64680**	6 mm chain / 12 mm rope	90 kg
V** - 800 W	**64681**	8 mm chain / 12 mm rope	100 kg
Horizontal windlasses			
H - 500 W**	**66296**	6 mm chain / 12 mm rope	90 kg
H - 700 W**	**66297**	8 mm chain / -	100 kg
H - 500 W built-in motor	**66925**	6 mm chain / 12 mm rope	90 kg
H - 800 W built-in motor	**66926**	8 mm chain / 12 mm rope	100 kg
H - 1000 W with drum	**64682**	8 mm chain / -	150 kg
H - 1500 W with drum	**64683**	10 mm chain / -	180 kg

* All models : calibrated chain ISO 4565 + DIN 766 and 3-strand rope (except Ref. 64679, 66297, 64682, 64683 : ISO 4565 chain only).
** Vertical motor.

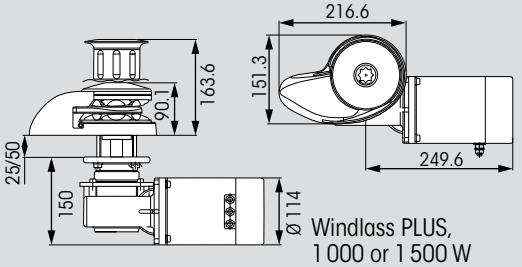
H-500 / H-800
with built-in motor



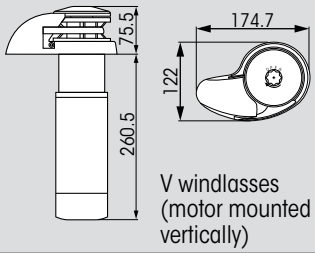
VERTICAL WINDLASSES Dimensions : mm



500-700 W



Windlass PLUS,
1 000 or 1 500 W



V windlasses
(motor mounted vertically)

Max. lift load	Hauling speed	Consumption	Weight	Connector	Gipsy	12 V motor	Circuit breaker
270 kg	23 m / min	60 Amp	8 kg	**64684**	**63528**	**63532**	**63534**
270 kg	23 m / min	60 Amp	8 kg	**64684**	**63529**	**63532**	**63534**
300 kg	25 m / min	90 Amp	8.5 kg	**64684**	**63528**	**63533**	**64690**
300 kg	25 m / min	90 Amp	8.5 kg	**64684**	**63529**	**63533**	**64690**
390 kg	25 m / min	115 Amp	16.7 kg	**63538**	**64686**	**63530**	**64691**
390 kg	25 m / min	115 Amp	18.1 kg	**63538**	**64686**	**63530**	**64691**
450 kg	26 m / min	130 Amp	18.3 kg	**63538**	**64687**	**64688**	**See Page 513**
270 kg	23 m / min	60 Amp	11.8 kg	**64684**	**63528**	**63532**	**63534**
300 kg	23 m / min	90 Amp	12.9 kg	**64684**	**63529**	**64689**	**64690**
280 kg	25 m / min	60 Amp	8 kg	**64684**	**66298**	**63532**	**63534**
350 kg	28 m / min	90 Amp	8.5 kg	**64684**	**66299**	**63532**	**63535**
670 kg	25 m / min	60 Amp	10 kg	**64684**	**63528**	**67094**	**63534**
800 kg	28 m / min	90 Amp	10.1 kg	**64684**	**63529**	**67095**	**64690**
450 kg	25 m / min	115 Amp	30 kg	**63538**	**64686**	**63530**	**64691**
540 kg	26 m / min	130 Amp	30 kg	**63538**	**64687**	**64688**	**See Page 513**

Accessories

Remote control unit

70510

IP67 ingress protection rating.
Voltage: 10-30V DC/AC.
Extensible cable up to 4 m.
Dim.: 170 x 80 x 50 mm (H x W x thickn.).

Remote control + chain counter

70511

IP67 ingress protection rating.
Voltage: 10-30V DC/AC.
Chain measure from 0 to 999 meters.
Extensible cable up to 4 m.
5 languages display.
Dim.: 170 x 80 x 50 mm (H x W x thickn.).

Radio remote control + chain counter

70512

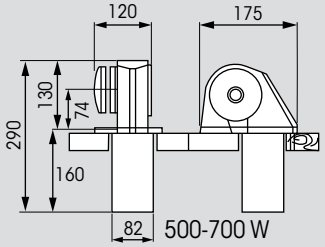
IP67 ingress protection rating.
Voltage: 10-30V DC/AC.
Radio transmission 868 MHz.
Chain measure from 0 to 999 meters.
Possibility to control 1 windlass and 2 thrusters (6 channels).
Extensible cable up to 4 m.
5 languages display.
Dim.: 170 x 80 x 50 mm (H x W x thickn.).
Internal wireless rechargeable lithium-ion battery (charger included).

Up/Down dashboard control panel
64170
Dimensions :
88 x 50 mm (H x W)

Up/Down footswitch
Stainless steel
• **UP : 66294**
• **DOWN : 66295**

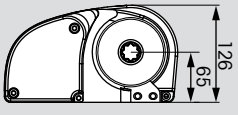
Rechargeable battery :
• **Recharge cable : 64692**

HORIZONTAL WINDLASSES

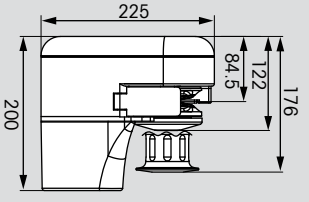


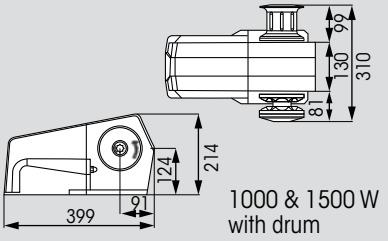
500-700 W

Dimensions : mm



Built-in motor





1000 & 1500 W with drum

Bow rollers

Standard stain steel bow rollers

Ref.	Length	Width	Max. anchor weight* plough*	flat*
13244	150 mm		7.500 kg	-
27102	200 mm	50 mm	7.500 kg	-
18376	250 mm		7.500 kg	-

*For most plough and flat anchors.

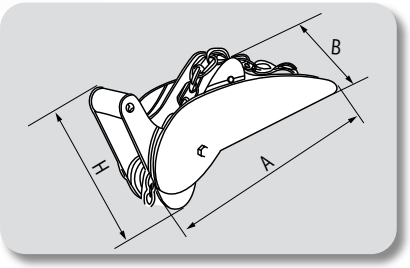
Hinged stain steel bow rollers

A

B

	Ref.	Length A	Width B	Height H	Max. anchor weight* plough*	flat*	Bow roller
A	**27103**	300 mm	80 mm	80 mm	10 kg	10 kg	2.5 kg
	13246	400 mm			15 kg	15 kg	2.8 kg
	39386	500 mm			20 kg	20 kg	3.4 kg
B	**39384**	330 mm	70 mm	117 mm	10 kg	-	3 kg
	39385	495 mm	90 mm	150 mm	20 kg	-	6.5 kg

*For most anchors.



Spare parts

- ***Spare sheaves***
  Ø 54, width 48 mm : ***39389***
  Ø 54, width 62 mm : ***39390***
  Ø 70, width 62 mm : ***39391***

Locking device

39388

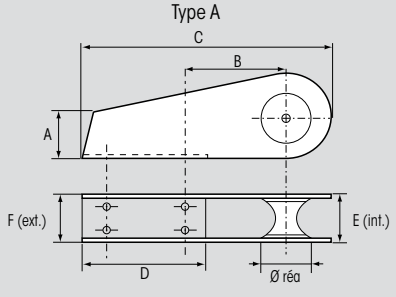
Suitable for all bow rollers with 90 mm width maximum.

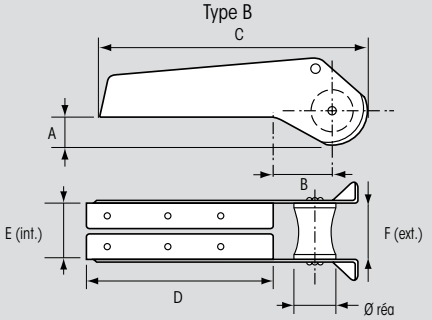
Standard aluminium bow rollers

A

B With locking device

	Max anchor weight	Ref.	A	B	C	D	E	F	Ø sheave
A	**8 to 12 kg**	**418618**	25 mm	25 mm	210 mm	150 mm	42 mm	50 mm	45/20 mm
B	**8 to 12 kg**	**414549**	10 mm	45 mm	242 mm	150 mm	42 mm	58 mm	70/30 mm
	18 kg	**417889**	15 mm	45 mm	325 mm	225 mm	45 mm	62 mm	80/40 mm



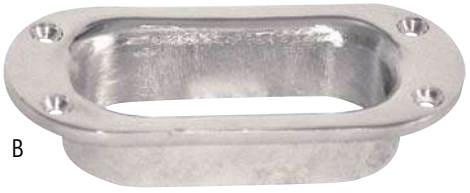


Chain pipes

A

Open chain pipes

	Material	Ref.	Through-hole	Overall dimensions	Cut-out dimensions
A	**Anodised aluminium**	**417885**	Ø 30 mm	99 x 75 mm	Ø 42 mm
B	**St. steel AISI 316**	**400712**	37 x 93 mm	140 x 62 mm	47 x 103 mm



B

Chain pipes with cover

Description	Ref.	For chain Ø	Through-hole	Overall dimensions	Cut-out dimensions
Round chain pipe	**400750**	25 mm	36 mm	Ø 78 mm	Ø 40 mm

Chain swivel

Galvanised steel. Two swivels are necessary per mooring buoy. Swivel diameter must be 4 mm superior to chain diameter.

Ref.	Ø	SWL*	
13240	8 mm	560 kg	5
13241	10 mm	1000 kg	5
13242	12 mm	1600 kg	2
13243	16 mm	2300 kg	2

Grade 70 chain & shackle

Grade 70 HR chain

High resistance calibrated chain for a safer mooring system : **same diameter chain is more than twice as strong** in grade 70.

Its superior resistance allows you to select a smaller chain diameter and achieve some substantial weight savings as well as reduce the cumbersome volume in the chain locker.

Ideal for :

- a secondary mooring line with the same premium resistance as the main mooring line.
- a very long chain for deep waters.
- a substantial weight gain when racing.
- a better distribution of heavy loads on board.
- an anchor, windlass or buoy marking application.

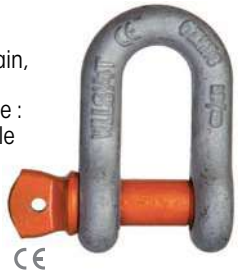
Ø	Ref.*	Weight/m	Chain pitch	Breaking load G.70	Compared G.40 chain breaking load, same Ø
6 mm	**67411**	0.820 kg	18	4033 kg	1840 kg
8 mm	**67412**	1.450 kg	24	7170 kg	3277 kg
10 mm	**67413**	2.300 kg	30	11200 kg	4928 kg
12 mm	**67414**	3.300 kg	36	16130 kg	7374 kg
14 mm	**67415**	4.600 kg	42	21950 kg	10037 kg

*Chain sold at desired length, exclusively on special order (leadtime 10 days for delivery in France).

How reduced diameter increases performance	Increased resistance	Weight saving	Volume saving
Ø 8 standard chain → Ø 6 G.70 chain	+ 18 %	41 %	+ 40 %
Ø 10 standard chain → Ø 8 G.70 chain	+ 26 %	36 %	+ 40 %
Ø 12 standard chain → Ø 10 G.70 chain	+ 33 %	30 %	+ 30 %
Ø 14 standard chain → Ø 12 G.70 chain	+ 36 %	25 %	+ 30 %

Grade 70 Omega shackle

Ideal when used in conjunction with Grade 70 chain, to obtain a mooring line with no weak point.
Corrosion protected high resistance Grade 70 shackle : guarantees the best resistance of the chain-shackle assembly and also avoids any electrolytic problem.
Unique no sharp edge design fits perfectly into bow rollers and offers a very safe solution.
Suitable for all mooring applications.
Not suitable for lifting applications.



CE
DIN EN 13889
G50 CERT RR C271

For chain	Ref.*	Internal dimensions (H x W)	Weight	Breaking load
6 mm	**67416**	48 x 28 mm	0.120 kg	4033 kg
8 mm	**67417**	49 x 28 mm	0.250 kg	7170 kg
10 mm	**67418**	60 x 35 mm	0.400 kg	11200 kg
12 mm	**67419**	72 x 39 mm	0.700 kg	16130 kg

*Exclusively on special order (leadtime 10 days for delivery in France).

Chain

Grade 30 non-calibrated short link chain or secondary chain

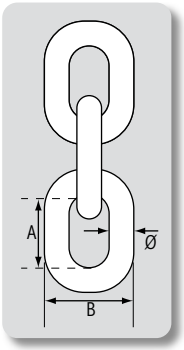
Suitable for use in conjunction with marking buoys or for mooring use without a windlass.

• Plastic drum.

Ø	Ref.	A	B	Weight/m	Total weight	Break load	SWL*	Length
6 mm	**57189**	24 mm	23 mm	0.73 kg	43.8 kg	1300 kg	290 kg	60 m
6 mm	**57179**	24 mm	23 mm	0.73 kg	73 kg	1300 kg	290 kg	100 m
8 mm	**57190**	32 mm	30 mm	1.33 kg	79.8 kg	2300 kg	500 kg	60 m
8 mm	**57180**	32 mm	30 mm	1.33 kg	133 kg	2300 kg	500 kg	100 m
10 mm	**57181**	40 mm	37 mm	2.10 kg	126 kg	4300 kg	775 kg	60 m
12 mm	**57206**	48 mm	46 mm	3 kg	150 kg	5000 kg	1125 kg	50 m
14 mm	**57182**	56 mm	51 mm	4.20 kg	168 kg	7000 kg	2000 kg	40 m

* Safe Working Load.

DIN 764
DIN 5685 A

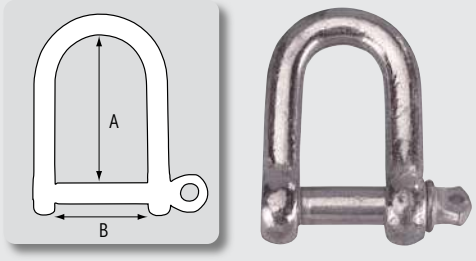


• Your selected length**

Ø	Ref.	A	B	Weight/m	Break load	SWL*
16 mm	**57191**	56 mm	56 mm	5.70 kg	9000 kg	2500 kg
18 mm	**57192**	63 mm	63 mm	7 kg	11500 kg	3150 kg
20 mm	**57193**	70 mm	60 mm	8.40 kg	14000 kg	4000 kg
22 mm	**57194**	78 mm	75 mm	10.40 kg	17000 kg	6250 kg

* Safe Working Load.
** Sold per meter, delivery within 6 weeks.

Up to 36 mm
and 30 ton breakload



Shackles for marina equipment

Galvanised shackles for connecting the "primary" and "secondary" chains, or for use with the mooring buoy.

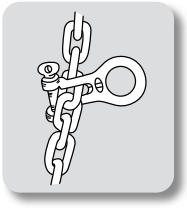
Ø	Ref	Weight	A	B	SWL*	Break load
16 mm	**67383**	0.38 kg	64 mm	32 mm	1000 kg	4000 kg
20 mm	**67384**	0.94 kg	76 mm	38 mm	1600 kg	2900 kg
22 mm	**67385**	1.33 kg	80 mm	44 mm	2000 kg	8000 kg
24 mm	**67386**	2.08 kg	87 mm	48.5 mm	2500 kg	10000 kg
28 mm	**67387**	2.9 kg	115 mm	57 mm	3150 kg	12600 kg
32 mm	**67388**	3.17 kg	127 mm	64 mm	4000 kg	16000 kg
36 mm	**67389**	5.8 kg	137 mm	72 mm	5000 kg	20000 kg

*Safe Working Load.

DIN 766

Short-link st. steel chain

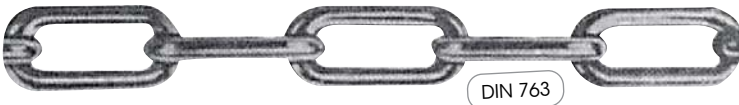
Ø	Réf.	Weight/m	Working load	Length
3 mm	**416037**	0.165 kg	70 kg	50 m
4 mm	**416038**	0.320 kg	200 kg	50 m
6 mm	**419169**	0.800 kg	400 kg	50 m



Anchor shackle

Mooring shackle which allows you to quickly connect a second anchor to the main chain without reducing resistance. Increased wind and wave stability. Cast 316 st. steel. Captive axis. Patented system.

Ø chain	Ref.	Working load	Breaking load
6 mm to 8 mm	**402472**	700 kg	2500 kg
10 mm to12 mm	**402480**	1500 kg	5000 kg



DIN 763

Long-link st. steel chain

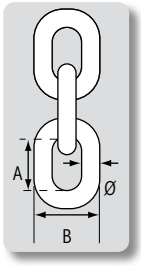
Ø	Réf.	Weight/m	Working load	Length
2 mm	**404801**	0.060 kg	30 kg	50 m
3 mm	**404802**	0.150 kg	70 kg	50 m
4 mm	**404803**	0.270 kg	125 kg	50 m
5 mm	**404804**	0.430 kg	195 kg	30 m
6 mm	**404805**	0.630 kg	290 kg	30 m

Hex axis shackle

316 st. steel shackle.
Hex axis. Allen key locking.

	Ø chain							
Shackle	**6 mm**		**8 mm**		**10 mm**		**12 mm**	
Straight	**422169**	5	**100709**	10	**402546**	5	**422167**	5
Bow	**417032**	10	**417034**	10	**417035**	5	**417038**	5

Calibrated chain



Galvanisation

Our complete chain range is galvanised as per EN ISO 1461 standard, which requires a minimum 58 micron galvanisation thickness. Our chain goes through regular testing in accelerated seawater environment to guarantee a regular galvanisation quality. A specific engineering process provides a better hold of the galvanisation on the metal, to ensure a longer lifetime. Hot dip galvanisation is engineered with zinc. There may be cases where a marina would be unusually exposed to galvanic currents which could generate a chain deterioration. In such cases, we recommend to use mooring anodes (ref. 38266 & 38267), which will protect both the chain and the metallic parts of the boat.

Every windlass is designed to operate with a specific type of chain.
It is essential to read the windlass manual in order to select the most appropriate chain. In the event that you might select an inappropriate chain, it could slip in the gipsy when under load, while the anchor is holding firmly.

Grade 40 calibrated short-link chain

EN24565
ISO 4565

Calibrated chain, suitable for use with a windlass : regular links fit most gipsies.
• In plastic drum.

Ø	Ref.	Weight/m	Total weight	A	B	Break load	SWL*	Length
6 mm	**16495**	0.80 kg	80 kg	18,5 mm	20 mm	1630 kg	400 kg	100 m
7 mm	**25391**	1.00 kg	60 kg	21 mm	23 mm	2548 kg	630 kg	60 m
8 mm	**471068**	1.40 kg	42 kg	24 mm	26 mm	4030 kg	1000 kg	30 m
8 mm	**16501**	1.40 kg	84 kg	24 mm	26 mm	4030 kg	1000 kg	60 m
8 mm	**57147**	1.40 kg	140 kg	24 mm	26 mm	4030 kg	1000 kg	100 m
10 mm	**16499**	2.30 kg	138 kg	30 mm	34 mm	5096 kg	1250 kg	60 m
10 mm	**57148**	2.30 kg	230 kg	30 mm	34 mm	5096 kg	1250 kg	100 m
12 mm	**16497**	3.30 kg	165 kg	36 mm	40 mm	8500 kg	2000 kg	50 m
14 mm	**16500**	4.40 kg	176 kg	42 mm	46 mm	10000 kg	2500 kg	40 m

• In plastic drum except 16496, 16498 and 54166 delivererd in bag.

Ø	Ref.	Weight/m	Total weight	A	B	Break load	SWL*	Length
6 mm	**16496**	0.8 kg	6 kg	18,5 mm	20 mm	1630 kg	400 kg	8 m
8 mm	**16498**	1.4 kg	14 kg	24 mm	26 mm	4030 kg	1000 kg	10 m
10 mm	**54166**	2.3 kg	35 kg	30 mm	34 mm	5096 kg	1250 kg	15 m
12 mm	**60765**	3.3 kg	330 kg	36 mm	40 mm	8500 kg	2000 kg	100 m
14 mm	**60766**	4.4 kg	440 kg	42 mm	46 mm	10000 kg	2500 kg	100 m
16 mm	**478501**	6.1 kg	366 kg	48 mm	54 mm	16400 kg	3150 kg	60 m

*Safe working load

Grade 40 hot dip galvanised chain

DIN 766 A
ISO 261016

• Calibrated chain, suitable for use with a windlass.
• In plastic drum.

Ø	Ref.	A	B	Weight/m	Total weight	Break load	SWL*	Length
8 mm	**50540**	24 mm	26 mm	1.38 kg	63 kg	4030 kg	1000 kg	45 m
10 mm	**49536**	28 mm	34 mm	2.30 kg	138 kg	5096 kg	1250 kg	60 m
13 mm	**54124**	34 mm	40 mm	3.30 kg	165 kg	8500 kg	2000 kg	50 m

*Safe working load

316 L stainless steel chain

DIN 766 A
ISO 261016

• Calibrated chain, suitable for use with a windlass.
• In plastic drum.

Ø	Ref.	A	B	Weight/m	Total weight	Break load	SWL*	Length
6 mm	**57176**	19 mm	20 mm	0.80 kg	40 kg	1630 kg	400 kg	50 m
8 mm	**57177**	24 mm	26 mm	1.40 kg	42 kg	4030 kg	1000 kg	30 m
10 mm	**57178**	28 mm	35 mm	2.30 kg	69 kg	5096 kg	1250 kg	30 m

*Safe working load

Mooring packages

DIN 766A
Ref. 53246 : EN 24565

Packages include chain, rope and shackle to suit your own anchor.

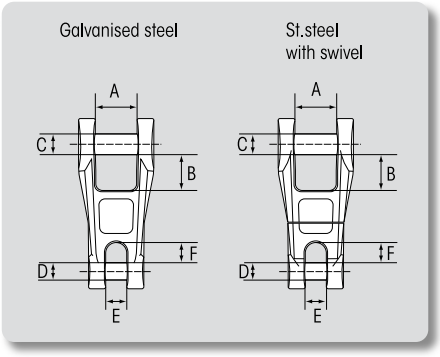
Boat length*	Boat's weight*	Anchor	Ref.	Chain	Ø rope	Ø Shackle	Weight
< 6,50 m	1000 kg	< 8 kg	**53242**	10 m Ø 6 mm	20 m Ø 8 mm	8 mm	10 kg
6.50 - 7.50 m	1000 - 2000 kg	8 - 10 kg	**53243**	13 m Ø 6 mm	25 m Ø 12 mm	8 mm	14 kg
7.50 - 9 m	2000 - 3000 kg	10 - 12 kg	**53244**	15 m Ø 8 mm	25 m Ø 14 mm	10 mm	25 kg
9 - 12 m	3000 - 7000 kg	12 - 14 kg	**53245**	18 m Ø 8 mm	32 m Ø 14 mm	10 mm	32 kg
12 - 16 m	7000 - 12000 kg	15 - 20 kg	**53246**	21 m Ø 10 mm	40 m Ø 18 mm	12 mm	57 kg

* Information given as an indication only. To be adapted to your boat type and your navigation programme.

Chain-anchor connectors

Stainless steel

Galvanised



Anchor connectors

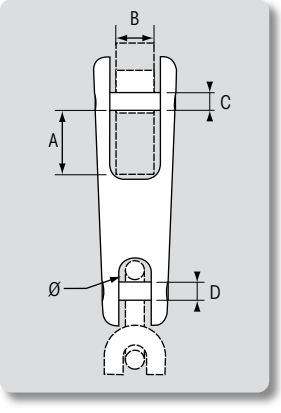
Fits most anchors on the market,
with fixed or articulated shank.

PLASTIMO

Model	For chain	Ref.	A	B	C	D	E	F	SWL*
Galvanised steel	Ø 6 mm	**57664**	16 mm	11 mm	Ø 8 mm	Ø 6 mm	8 mm	7 mm	500 kg
	Ø 8 mm	**56388**	22 mm	21 mm	Ø 10 mm	Ø 10 mm	10 mm	10 mm	900 kg
	Ø 10 mm	**56389**	24 mm	21 mm	Ø 12 mm	Ø 10 mm	12 mm	12 mm	1400 kg
	Ø 12 mm	**56390**	24 mm	25 mm	Ø 14 mm	Ø 14 mm	15 mm	14 mm	2250 kg
	Ø 14 mm	**56391**	30 mm	25 mm	Ø 16 mm	Ø 14 mm	17 mm	16 mm	2750 kg
St.steel with swivel	Ø 6 mm	**57725**	16 mm	12 mm	Ø 8 mm	Ø 6 mm	8 mm	7 mm	500 kg
	Ø 8 mm	**56392**	22 mm	22 mm	Ø 10 mm	Ø 8 mm	10 mm	11 mm	900 kg
	Ø 10 mm	**56393**	24 mm	22 mm	Ø 12 mm	Ø 10 mm	12 mm	12 mm	1400 kg
	Ø 12 mm	**56394**	24 mm	26 mm	Ø 14 mm	Ø 14 mm	15 mm	14 mm	2250 kg
	Ø 14 mm	**56395**	30 mm	26 mm	Ø 16 mm	Ø 14 mm	17 mm	16 mm	2750 kg

*SWL : Safe Working Load

One-piece fixed connectors or models with one swivelling axis only must be used exclusively with articulated shank anchors. Fixed shank anchors should be equipped with connectors that feature two rotation axes.



Anchor connectors

For articulated-shaft anchors.
Ensure perfect sliding of the chain without the possibility of jamming in either the stemhead or chain stopper.

Model	For chain	Ref.	Length	A	B	C	D	SWL
Dual-axis st. steel moulded 1 piece	Ø 6-8 mm	**402452**	116 mm	21.4 mm	14.8 mm	11.2 mm	7.8 mm	600 kg
	Ø 10-12 mm	**402500**	135 mm	28.5 mm	18.1 mm	13.1 mm	13.1 mm	1800 kg

Galvanised joining link

Under no circumstances should shackle links be used to repair a chain of a diameter greater than its wire.

Wide-opening shackle links

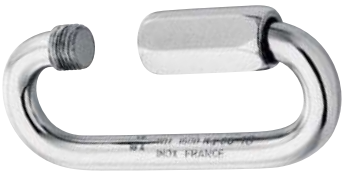
Ø wire	Ref.	Opening	Useful load	Breaking load	
5 mm	**414134**	13 mm	250 kg	1250 kg	10
6 mm	**414135**	14.5 mm	350 kg	1750 kg	10
8 mm	**414136**	17.5 mm	650 kg	3250 kg	10
10 mm	**414137**	20.5 mm	1000 kg	5000 kg	2

Shackle links

Ø wire	Ref.	Opening	Useful load	Breaking load	
6 mm	**414130**	7.5 mm	400 kg	2000 kg	10
8 mm	**414131**	11 mm	700 kg	3500 kg	10
10 mm	**414132**	12 mm	1100 kg	5500 kg	2
12 mm	**414133**	15 mm	1500 kg	7500 kg	2
14 mm	**413418**	17 mm	2200 kg	11000 kg	2

316 st. steel link

Perfect for straps.



Shackle links

Ø wire	Ref.	Opening	Useful load	Breaking load	
3 mm	**414633**	4 mm	160 kg	800 kg	10
4 mm	**400654**	5.5 mm	280 kg	1400 kg	10
5 mm	**400655**	6.5 mm	450 kg	2250 kg	10
6 mm	**400656**	7.5 mm	650 kg	3250 kg	10
8 mm	**400657**	11 mm	1100 kg	5500 kg	2
10 mm	**400658**	12 mm	1800 kg	9000 kg	2
12 mm	**400659**	15 mm	2500 kg	12500 kg	2

Delta shackle link

Ø wire	Ref.	Opening	Useful load	Breaking load	
5 mm	**414138**	6.5 mm	325 kg	1625 kg	2
6 mm	**414139**	7.5 mm	450 kg	2250 kg	2
8 mm	**414140**	10 mm	770 kg	3850 kg	2
10 mm	**414141**	12 mm	1250 kg	6250 kg	2

Wide-opening shackle link

Ø fil	Ref.	Opening	Useful load	Breaking load	
4 mm	**413222**	11.5 mm	250 kg	1250 kg	10
5 mm	**413223**	13 mm	400 kg	2000 kg	10
6 mm	**413224**	14.5 mm	580 kg	2900 kg	10
7 mm	**413225**	16 mm	800 kg	4000 kg	10
8 mm	**413226**	17.5 mm	980 kg	4900 kg	2
10 mm	**413227**	20.5 mm	1600 kg	8000 kg	2

Chain joining link

Joining links enable two lengths of chain of the same diameter to be connected to each other without increasing the thickness or creating a blockage in gipsies. Easily attached by bringing rivets into line after set-up. Connects two chains of same diameter. **Use as a temporary chain connection only (Safe working load is less than equivalent chain link).**

Galvanised steel link

Ø wire	Ref.	Breaking load	
6 mm	**400997**	-	2
8 mm	**13250**	1000 kg	1 x 2
10 mm	**13251**	1500 kg	1 x 2
12 mm	**13252**	1800 kg	2

St. steel link

Ø wire	Ref.	
6 mm	**424276**	2
8 mm	**424277**	2
10 mm	**424278**	2
12 mm	**424279**	2

Mooring Ropes

Mooring ropes are essential elements of safety on board. Whether you are anchoring, or mooring on buoy or dock, select the ropes length and diameter to suit your boat size and the mooring conditions.

Ropes	Traction resistance	Stretching	Abrasion resistance	Softness	Hydrophobia	Lightness	Splices
3-strand polyester	★★★	★★★	★★★★	★★★	★★★	★★★	★★★★★
Octoplait polyester	★★★	★★★	★★★★	★★★★	★★★	★★★	★★★★★
Double braid polyester	★★★	★★★	★★★★	★★★★	★★★	★★★	★★★
3-strand polyamide	★★★	★★★★	★★★	★★★	★★★★	★★★	★★★★★

To minimise the shocks due to waves assaults, select mooring ropes with a high stretching capacity.

Select your ropes to suit your boat's length and weight

Ropes	Boat's length and weight								
	4 m	5.50 m	6.50 m	7.50 m	9 m	10.50	12.50 m	16 m	20 m
	300 kg	700 kg	1000 kg	2000 kg	3000 kg	4500 kg	8000 kg	12000 kg	20000 kg
3-strand polyester	Ø 6	Ø 8	Ø 10	Ø 12	Ø 14	Ø 16	Ø 18	Ø 20	Ø 24
Octoplait polyester	-	-	Ø 10	Ø 12	Ø 14	Ø 16	Ø 18	Ø 20	Ø 24
Double braid polyester	-	Ø 8	Ø 10	Ø 12	Ø 14	Ø 16	Ø 18	Ø 20	-
3-strand olyamide	-	-	Ø 10	Ø 12	Ø 14	Ø 16	Ø 18	Ø 20	Ø 24

Ø dimensions in mm.
Diameters given as an indication only and for sheltered waters in calm weather. In case of strong wind circumstances, your mooring must absolutely be strengthened. Values are given assuming that ropes are in good condition.

Mooring Ropes

PLASTIMO

Octoplait polyester

Specifically designed for good looks on big yachts. High stretching capacity due to its specific structure. Good traction, abrasion and UV resistance. Very flexible and easy to splice.

Ø mm	Black	Break load	Weight/m	Length
10	**51388**	1500 kg	75 g	
12	**51391**	2000 kg	100 g	220 m
14	**51394**	2500 kg	130 g	
16	**51397**	3000 kg	180 g	
18	**51400**	3900 kg	210 g	
20	**51403**	4600 kg	264 g	110 m
24	**51406**	5700 kg	320 g	
28	**51409**	8400 kg	420 g	

3-plait polyamide

MADE IN FRANCE

Abrasion and UV resistant rope. Particularly suitable for anchoring lines.

Ø mm	White	Break load	Weight/m	Length
6	**51418**	680 kg	21 g	
8	**51419**	1000 kg	50 g	
10	**51420**	1850 kg	70 g	220 m
12	**51421**	2500 kg	86 g	
14	**51422**	3300 kg	121 g	
16	**51423**	4200 kg	172 g	
18	**51424**	5200 kg	203 g	
20	**51425**	6400 kg	249 g	110 m
22	**70549**	7600 kg	305 g	
24	**51426**	8900 kg	355 g	

3-plait multifilament polypropylene

Buoyant and light. Does not rot or degrade. Fully hydrophobic.
Very flexible. Spliceable.

Ø mm	Black	White	Navy	Break load	Weight/m	Length
6	**51441**	**51439**	**51440**	500 kg	18 g	
8	**51444**	**51442**	**51443**	800 kg	31 g	
10	**51447**	**51445**	**51446**	1200 kg	47 g	220 m
12	**51450**	**51448**	**51449**	1700 kg	68 g	
14	**51453**	**51451**	**51452**	2300 kg	94 g	

Depending on knots and splicing, the breaking load may decrease by 20 to 50%. Splice your ropes as often as you can, and thimble them especially if they are in contact with metallic parts.

To prolong your ropes lifetime and keep their mechanical characteristics, use mooring compensators to prevent abrasion and strain.
During wintering, rinse out your ropes in fresh water and let them dry before stowing them.
A second anchoring is highly recommended to face strong gusts.

Mooring Ropes

3-strand polyester

Flexible and easy to splice, even after prolonged contact with sea water.

Ø mm	Black	White	Navy	Break load	Weight /m	Length
8	**54182**	**51367**	**54057**	1320 kg	51 g	220 m
10	**51370**	**51368**	**51369**	1800 kg	75 g	
12	**51373**	**51371**	**51372**	2280 kg	105 g	
14	**51376**	**51374**	**51375**	3120 kg	149 g	
16	**51379**	**51377**	**51378**	3950 kg	200 g	110 m
18	**52244**	**51380**	**51381**	4900 kg	260 g	
20	**52245**	**51382**	**51383**	6250 kg	320 g	
22	**70457**	**70458**	-	7300 kg	343 g	
24	**52246**	**51384**	-	8900 kg	446 g	

Double braid polyester

Flexible and aesthetic rope, ideal for dock mooring.
Good traction and UV resistance. High abrasion resistance.

Ø mm	Grey	Navy	Black	Break load	Weight/m	Length
14	**70462**	**53226**	**53231**	3 500 kg	134 g	110 m
16	**70463**	**53227**	**53232**	4 500 kg	175 g	
18	**70464**	**53228**	**53233**	5800 kg	196 g	
20	**70465**	**53229**	**53234**	7200 kg	242 g	
22	**70466**	**70460**	**70461**	8100 kg	279 g	

High resistance 3-strand polyamide

Polyamide rope for high durability.
High shock absorption capacity. Abrasion and UV resistance.

Ø mm	White	Break load	Weight/m	Length
10	**70467**	1 850 kg	66 g	110 m
12	**53214**	2 980 kg	81 g	
14	**53215**	4 000 kg	117 g	
16	**53216**	5 000 kg	168 g	
18	**53217**	6 400 kg	195 g	
20	**53218**	7 300 kg	239 g	
22	**70468**	7 600 kg	285 g	
24	**53219**	10 300 kg	359 g	

Mixed (rope/lead) mooring lines

Flexible braided polyester, ideal for lightweight anchors and grapnels. Can replace the chain of a standard anchor for second anchoring.
Features a galvanised thimble.

Ø mm	Reference	Overall length	Weighted length	Weighted of leaded section
10	**31185**	30 m	10 m	1.400 kg
12	**31186**	35 m	12 m	2.100 kg
14	**31187**	40 m	15 m	3.150 kg
16	**31188**	50 m	20 m	4.800 kg

Weighted polyester

Ideal for lightweight anchors.

Ø mm	Reference	Break load	Overall length	Weight/m
8	**12158**	930 kg	100 m	120 g
10	**14123**	1300 kg	100 m	150 g
12	**14124**	1900 kg	100 m	175 g
14	**14125**	2600 kg	100 m	200 g

Mooring lines

16-plait braided mooring lines (without buckle)

MADE IN FRANCE

Braided mooring line ; polyester 16-plait, polyamid.
Good elasticity, resistance to abrasion and easy to splice.

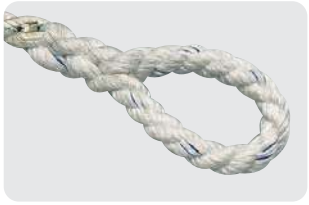
Ø mm	White/Black	Weight	Length
14	**70469**	1,35 kg	12 m
16	**70470**	1,90 kg	14 m
18	**70471**	2,50 kg	16 m

Mooring and anchoring lines

MADE IN FRANCE

Feature a spliced extremity and nylon thimble.Feature a spliced extremity and nylon thimble.

Ø mm	Noir	Long.	Noir	Long.	Noir	Long.	Charge de rupture	Poids/m
8	**11762**	7 ml	**70474**	12 ml	**11766**	30 ml	1 320 kg	0,58 kg
10	**11763**	7 ml	**70475**	12 ml	**11767**	30 ml	1 800 kg	0,79 kg
12	**11764**	7 ml	**70476**	12 ml	**11768**	30 ml	2 280 kg	1,02 kg
14	**11765**	7 ml	**70477**	12 ml	**11769**	30 ml	3 120 kg	1,47 kg
16	**70472**	7 ml	**70478**	12 ml	-	-	3 950 kg	1,95 kg
18	**70473**	7 ml	**70479**	12 ml	-	-	4 900 kg	2,35 kg



3-strand polyester

MADE IN FRANCE

Excellent resistance to abrasion and low stretch. Good elasticity and easy to splice.

Ø mm	White/ blue thread	Length	White/ blue thread	Length	White/ blue thread	Length	Break load	Weight
10	**13944**	6 ml	**13948**	10 ml	-	-	1 573 kg	0,79 kg
12	**13945**	6 ml	**13949**	10 ml	-	-	2 125 kg	1,02 kg
14	**13946**	6 ml	**13950**	10 ml	-	-	2 805 kg	1,47 kg
16	**13947**	6 ml	**13951**	10 ml	**70480**	15 ml	3 570 kg	1,95 kg
18	-	-	-	-	**70481**	15 ml	4 420 kg	2,35 kg
20	-	-	-	-	**70482**	15 ml	5 440 kg	2,95 kg

MADE IN FRANCE

3-strand polyester long-lenght

Ø mm	White/ blue thread	Length	Break load	Weight
6	**13959**	500 ml	550 kg	0,26 kg
8	**13960**	320 ml	1 020 kg	0,42 kg
10	**13961**	220 ml	1 573 kg	0,79 kg
12	**13962**	165 ml	2 125 kg	1,02 kg
14	**13963**	110 ml	2 805 kg	1,47 kg
16	**13964**	85 ml	3 570 kg	1,95 kg
18	**13965**	220 ml	4 420 kg	2,35 kg

meyer-sansboeuf

MADE IN FRANCE

3-strand Marina lines

3-strand polyester rope suitable for dock mooring.
Features a spliced loop at one extremity.

Ø mm	White	Navy	Weight	Length
12	**48192**	**48193**	1.05 kg	10 m
14	**48194**	**48195**	1.5 kg	
16	**48196**	**48197**	2 kg	

16-plait Marina lines

16-plait polyester rope available in white with contrasting marker. Suitable for dock mooring. Features a 30 cm spliced loop at one extremity.

Ø mm	White/ black	Grey	Navy	Weight	Length
12	**51608**	**161115**	**161112**	1.27 kg	12 m
14	**51609**	**161116**	**161113**	2.02 kg	14 m
16	**51610**	**161117**	**161114**	2.86 kg	16 m

Mooring ropes

meyer-sansboeuf

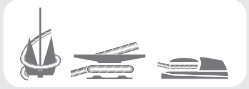
Cleanline® polyester mooring line

Double braid coreless continuous polyester high tenacity rope. 24-strand weave for flexible and easily spliceable mooring lines.

Ø mm	Black	Navy Blue	Break load	Weight/ 100 m	Length
8	**470148**	**471258**	1400 kg	4.50 kg	100 m
10	**470149**	**471259**	2100 kg	7.80 kg	
12	**470150**	**471260**	2450 kg	11 kg	
14	**470151**	**471261**	3300 kg	13.60 kg	
16	**470152**	**471262**	4200 kg	17.40 kg	
18	**415343**	**471263**	4600 kg	21.80 kg	
20	**415344**	-	5200 kg	25.30 kg	
22	**415345**	-	6300 kg	28.30 kg	

Blackgear® polyester mooring line

3-strand polyester multifilament high tenacity thermally fixed rope. Significant resistance against breakage and abrasion. Special treatment against UV and hydrocarbons. Density 1.38.



Ø mm	Black	Break load	Weight/ 100 m	Length
8	**405155**	1450 kg	04.90 kg	100 m
10	**405156**	2150 kg	07.70 kg	
12	**405157**	2550 kg	10 kg	
14	**405158**	3330 kg	13 kg	
16	**405159**	4550 kg	17.50 kg	
18	**405160**	5680 kg	21 kg	
20	**405486**	6600 kg	27.50 kg	

3-strand polyamide, high tenacity

Ideal for mooring and berthing. Density 1.14.

Ø mm	White	Break load	Weight/ 100 m	Length
8	**405136**	1470 kg	3.500 kg	200 m
10	**405137**	2420 kg	5.600 kg	
12	**405138**	3110 kg	7.800 kg	
14	**405139**	4060 kg	11 kg	100 m
16	**404028**	5000 kg	13 kg	
18	**405175**	5700 kg	15.800 kg	
20	**405263**	7300 kg	20.400 kg	
24	**405144**	11000 kg	32 kg	100 m
26	**405145**	12200 kg	36 kg	110 m
30	**405147**	14700 kg	47.500 kg	
40	**408685**	26400 kg	86 kg	

Pre-stretched polyester mooring line

3-plait polyester multifilament high tenacity thermally fixed rope. Density 1.38.

Ø mm	White	Break load	Weight/100 m	Length
10	**405152**	2150 kg	7.700 kg	100 m
12	**405153**	2550 kg	10 kg	
14	**405154**	3330 kg	13 kg	
16	**405487**	4550 kg	17.500 kg	
18	**405488**	5680 kg	21.500 kg	

Mooring springs

Noiseless st. steel mooring spring

For boat	Ref.	Boat's weight	Stock Ø
6 m	**67294**	5000 kg	5 mm
8 m	**67295**	6000 kg	6 mm
10 m	**67296**	8000 kg	7 mm
12 m	**67297**	10000 kg	9 mm
14 m	**67298**	12000 kg	11 mm

Galvanised st. steel mooring spring

Electro-galvanised steel.

Boat length	Ref.	Length mm	Stock Ø mm
6 m max.	**13375**	270	4.5
8 m max.	**13376**	350	5.5
12 m max.	**13377**	430	7

Mooring compensators

U-Cleat mooring compensator UNI MER

Mooring compensator with **removable locking mechanism.**
Made from EPDM rubber, impervious to UV rays and salt water.
Can be fit without a free end or to a line with eye splices or thimbles on both ends.
Easy to install and refit to another line.

- For line Ø 10-12 mm **63387**
- For line Ø 12-16 mm **63388**
- For line Ø 16-20 mm **63389**

Removable locking mechanism to avoid any sliding of rope.
Manufactured from fiberglass reinforced polypropylene for an excellent resistance to wear.

Spiroll rope protection

Black polyurethane rope protection, UV resistant.
Extends the lifetime of the ropes.

Ø mm	Length	Ref.
8 - 16	400 mm	**2351120**
16 - 25	600 mm	**2351122**

Rubber compensator

Made from EPDM rubber, impervious to UV rays and salt water. Easy to fit, requires no extra fittings.

- On a sheltered mooring, for example in a marina, coil the rope once or twice round your compensator.
- On an exposed mooring, coil the rope at least 3 times, so as to increase extensibility and absorption capacity.

For boat*	Ref.	For line Ø	Length
6 m max.	**16585**	12 mm max.	332 mm
8 m max.	**16586**	16 mm max.	416 mm
12 m max.	**16587**	18 mm max.	520 mm
20 m max.	**25355**	24 mm max.	600 mm

*Boat length given as an indication only, in the case of a sheltered mooring location. In a more exposed mooring area, you should select the next size up, for both line and mooring compensator.

Fenders

Performance

Up to 1m10
for large yachts

Performance fenders

Manufactured from soft, shiny and UV resistant PVC.
Can be used either horizontally or vertically.

Thanks to the design of the fender's extremities, the PVC spreads evenly inside the mould during the rotomoulding process.
This even distribution of the plastic material guarantees a perfect shock absorption, no matter where the point of impact is on the fender.

Fender supplied with rope

Fender	Rope Ø	Rope length
10 x 40 cm	5 mm	100 cm
13 x 50 cm	5 mm	100 cm
15 x 60 cm	5 mm	150 cm
20 x 80 cm	8 mm	150 cm
21 x 62 cm	7 mm	150 cm
23 x 85 cm	8 mm	150 cm
30 x 110 cm	8 mm	200 cm

Max. boat length	Inflated with rope			Not inflated with rope			Ø			Overall Ø (for fender baskets)
	Blue	White	Black	Blue	White	Black				
6 m	35691	35301	47861	57222	57216	57228	10 cm	40 cm	1.3 cm	10.5 cm
8 m	46655	46653	47862	57223	57217	57229	13 cm	50 cm	1.6 cm	14 cm
10 m	35692	35302	47863	57224	57218	57230	15 cm	60 cm	2 cm	15.9 cm
12 m	35693	35303	47865	57226	57220	57232	20 cm	80 cm	2.7 cm	21.3 cm
	39486	39484	47864	57225	57219	57231	21 cm	62 cm	2.7 cm	22.9 cm
14 m	46660	46658	47866	57227	57221	57233	23 cm	85 cm	2.8 cm	24.8 cm
Monohull 16 m+ Catamaran 14 m+	65485	65486	65487	65489	65490	65491	30 cm	110 cm	2.8 cm	32 cm

• Size guide

Do not underrate the size of your fenders, just because they are bulky on the deck when you actually sail : if space is really an issue, you'd better have one fender less, while keeping a generous diameter. Do not compromise for the sake of space on board : opt for the next size up.
We recommend you to place one fender every 2.5 m, and minimum 6 fenders. An extra fender with a larger size will be most useful when rafted to another boat with a higher free-board. For optimum efficiency, choose a fender which length is equivalent to the 2/3rd of your boat's free-board.

• Pressure

We advise you to check the pressure of your fender or Bumper once or twice a year.
The right pressure is obtained by using a pressure gauge or by measuring the circumference of your Performance fender.
To be really efficient a fender or Bumper must be neither under nor over inflated.

Recommended pressure	
Standard fender	0.15 to 0.20 bar
Spherical fender	0.15 to 0.20 bar
Bumper	0.07 to 0.10 bar

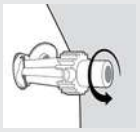
Two-colour Performance fender

Same technical features as Performance fenders, in two-colour version : white fender body and black cones.
Can be used either horizontally or vertically.
Perfect shock absorption no matter where the impact is on the fender, thanks to an even PVC thickness throughout the product.

Thanks to instructions on the fender, you can check at any moment if your fender is perfectly inflated, either with an air pressure gauge or by measuring its circumference.

Max. boat length	Inflated with rope	Not inflated with rope	ø			Overall ø (for fender baskets)
6 m	**63902**	**63908**	10 cm	40 cm	1.3 cm	10.5 cm
8 m	**63903**	**63909**	13 cm	50 cm	1.6 cm	14 cm
10 m	**63904**	**63910**	15 cm	60 cm	2 cm	15.9 cm
12 m	**63905**	**63911**	20 cm	80 cm	2.7 cm	21.3 cm
	63906	**63912**	21 cm	62 cm	2.7 cm	22.9 cm
14 m	**63907**	**63913**	23 cm	85 cm	2.8 cm	24.8 cm
Monohull 16 m+ Catamaran 14 m+	**65488**	**65492**	30 cm	110 cm	2.8 cm	32 cm

Exclusive valve on Performance fenders



Valve in injected polyethylene.
- can be replaced in seconds.
- 100 % corrosion-free.
- features a protection cap.

Spare valve
- ***Black valve and cap : 63935***
- ***White valve and cap : 63936***

For Performance fenders and Bumpers

Adapter for Plastimo valve 56860

Specially designed to inflate Performance fenders and Bumpers. Compatible with all our pumps and inflators.

MADE BY PLASTIMO

One-eye fender

Max. boat length	Ref.	ø		
10 m	**39624**	18 cm	48 cm	2 cm
12 m	**39625**	22 cm	68 cm	2 cm

Parabor fender

Features a through-bore hole for rope (supplied as standard with fenders).

Max. boat length	Not inflated	Inflated	ø	
6 m	-	**46663**	10 cm	30 cm
8 m	**46664**	**47485**	15 cm	43 cm
10 m	**46665**	**47486**	20 cm	55 cm
12 m	**46666**	**47487**	25 cm	68 cm
14 m	**46667**	**47488**	30 cm	80 cm

Heavy duty series

Heavy duty fenders with excellent abrasion and tear resistance. Ideal for superyachts manoeuvring in marinas, barges passing through locks, strong currents areas, or any intensive use.
Suitable for use in temperatures from -20°C to +60°C.

Long fenders, F series

Max. boat length	Type	White with blue eyes	Blue with blue eyes	Ø cm	cm	cm	Weight kg	Volume L
5 m	F01 S	**62123**	**62124**	13	37	1.8	0.6	3
	F01 M	**62125**	**62126**	13	46.5	1.8	0.7	4
	F01 L	**54678**	**54679**	13	56	1.8	0.9	5
7 m	F02	**54682**	**54683**	19	66	2.2	1.5	15
	F1	**54680**	**54681**	14.5	61	1.8	1.1	8
9 m	F2	**54684**	**54685**	21.5	61	2.2	1.9	16
	F3	**54686**	**54687**	21.5	74.5	2.2	2.1	22
	F4	**54688**	**54689**	21.5	105	2.2	3.1	35
14 m	F5	**54690**	**54691**	29	77	2.4	3.1	40
	F6	**54692**	**54693**	29	109.5	2.4	4.6	70
18 m	F7	**54694**	**54695**	37.5	93	2.4	6.2	95
	F8	**54696**	**54697**	37.5	147.5	2.4	7	150
> 18 m	F11	**54698**	**54699**	60	145.5	3.5	11.5	310
	F13	**54700**	**54701**	80	195	4	24	750

Spherical fenders, A series

Max. boat length	Type	White with blue eye	Red with blue eye	Blue with blue eye	Ø cm	cm	cm	Weight kg	Volume L
4 m	A0	**66125**	**54703**	-	21	28	2.2	0.6	6
5 m	A1	**54704**	**54705**	**65093**	30	38	2.2	1.15	13
7 m	A2	**54706**	**54707**	**65094**	39	50	2.5	2.1	32
9 m	A3	**54708**	**54709**	**65095**	46	58	2.8	3.1	52
14 m	A4	**54710**	**54711**	**65096**	55	77	2.8	4.1	90
16 m	A5	**54712**	**54713**	-	71	94	2.8	8.3	215
18 m	A6	**54714**	**54715**	-	85	112	3.5	11.3	405
> 18 m	A7	**54716**	**54717**	-	110	142	6	21	670

Accessory

Valve adapter : 68785
Plastic adapter, helps screwing and unscrewing easily the valve cap of Polyform fenders.

Long fenders, G series

Blow moulded PVC, suitable as lightweight utility fenders for use on small and medium size pleasure crafts.
Ribbed along the length.

Type	White	Blue	Ø cm	cm	cm	Weight kg
G2	**64499**	**66136**	11.7	40.7	1.3	0.5
G3	**64500**	**66137**	14.5	51.5	1.6	0.8
G4	**64501**	**66138**	17	58.5	2	1.1
G5	**64502**	**66139**	21.5	70.5	2.2	1.5

Fenders with reinforced eyes

The measurements are calculated at a pressure of 0.15 bar at approximately 20° C.
Do not over-inflate : to provide dependable service, inflate buoys at circumference less 10% and they will naturally expand.

Solid head fenders

Soft shiny white PVC fender with black reinforced heads.

Max. boat length	Ref.	Ø		
8 m	**63914**	13 cm	54 cm	2.8 cm
10 m	**63915**	15 cm	65 cm	2.8 cm
12 m	**63916**	20 cm	75 cm	2.8 cm
15 m	**63917**	25 cm	85 cm	2.8 cm

Fender with reinforced eyes

Max. boat length	White	Blue	Ø		
7 m	**39616**	**51535**	12 cm	48 cm	2 cm
8 m	**39617**	**51536**	14 cm	53 cm	2 cm
	39618	**51537**	17 cm	58 cm	2.5 cm
10 m	**39619**	**51538**	21 cm	64 cm	2.5 cm
12 m	**39620**	**51539**	23 cm	72 cm	3 cm
	39621	**51540**	27 cm	81 cm	3 cm

Spherical fender with black eye

Inflatable fender moulded in tough UV-resistant PVC.
The solid black eye will accommodate rope or shackles, and cannot pull-through under stress.

Max. boat length	Yellow	Orange	White	Black				Buoyancy
7 m	**39603**	**39602**	**39601**	**67353**	35 cm	48 cm	3 cm	21 kg
9 m	**39606**	**39605**	**39604**	**67354**	45 cm	62 cm	3 cm	45 kg
14 m	**39609**	**39608**	**39607**	**67355**	55 cm	73 cm	3 cm	83 kg
18 m	**39612**	**39611**	**39610**	**67356**	65 cm	88 cm	3 cm	138 kg
	39615	**39614**	**39613**	**67357**	85 cm	105 cm	3 cm	310 kg

Accessory

Connector for brass inflation valve : 67111
Screw on the valve and use a compressor or a bicycle pump.
Suitable for models : Spherical fenders, Parabor models, one-eye fenders (ref. 39624 & 39625), models featured on Page 193 of our catalogue, ARC models (ref. 65560, 65561, 65562) and ladder fender Page 197.

Fender for large yachts

UV resistant white PVC.

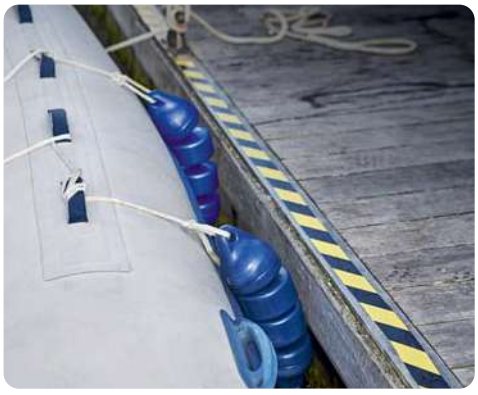
Max. boat length	Ref.	Ø cm		
15 m	**39622**	35 cm	110 cm	3 cm
18 m	**39623**	45 cm	140 cm	3 cm

Special fenders

MADE BY PLASTIMO

Patent n°B63B59/00

A traditional fender will tilt away from the hull and may eventually slip above or below, whereas the articulated RIB fender follows the curves of the hull and remains in the right position to protect the boat efficiently.



Articulated RIB fender

A clever solution created by the Plastimo R & D, specifically adapted to rigid inflatable boats or any boat with a rounded hull.
Rotomoulded construction, UV protected, blue or white colour.
Comes with 1 m Ø 5 mm rope.

White	Blue	Black	Ø	Length
66345	**66346**	**66428**	12 cm	48 cm
66780	**66876**	**66875**	15 cm	60 cm

ARC fender

Multi-function PVC fender with black ends.
Protects topsides and acts as a boarding step.
Dimensions : 54 x 43 x 20 cm.
Weight : 1.8 kg.

- **White : 65560**
- **Navy : 65561**
- **Black : 65562**

65560

65561

65562

B. Leglatin ©

Inflatable fender

Abrasion resistant black polyester cover with polyurethane coating.

- Webbing straps sewn along the fender for increased tear resistance.
- Bottom straps helps using the fender horizontally.

Black PVC thermo-welded air chamber.
0.9 mm thick), with Halkey Roberts valve.
Recommended pressure : 0.25 bar (3.50 PSI).

100 % Natural Energy, Vendée globe 2016-2017, skipper Conrad Colman.

PLASTIMO

Supplied with 2 m
Ø 10 mm rope.

Single inflatable fender

Ref.	Ø	Length	Weight	Spare cover
65493	25 cm	50 cm	0.95 kg	66906
65494	30 cm	75 cm	1.39 kg	66907
65495	35 cm	100 cm	2.08 kg	66908
65496	40 cm	120 cm	2.80 kg	66909
65497	50 cm	150 cm	4.05 kg	66910

Foot pump

55669

More information p. 176

Velvet patches on hull side

Double inflatable fender

Two inflatable fenders in a cover. For large yachts or foiling boats. Velvet patches on hull side to leave no streaks on the boat. Large printing area.

Ref.	Ø single inflatable fender	Width	Length	Weight
66118	30 cm	60 cm	75 cm	3.14 kg
66120	50 cm	100 cm	80 cm	5.56 kg

Flat fenders

60' Imoca Famille Mary – Etamine du Lys
Skipper Romain Attanasio – Vendée Globe 2016-2017

Fleece-covered flat fender

Ideal to moor alongside another boat, this flat fender also offers optimum protection when against quays or piers.

Made from closed cell polyethylen foam with outer white PVC cover, it features a soft fleece-covered facing, to prevent scratches on the hull.

Those models can be positioned either vertically or horizontally and fasten easily together with a lanyard (not supplied).

The cover is washable and removable for easy maintenance.

Thickness	Width	Length	Ref.
10 cm	20 cm	60 cm	**56922**
10 cm	40 cm	60 cm	**56923**

With its comfortable fleece cover on one face, the flat fender can also be used as an extra knee-pad, seat cushion or back supporter.

Flat fender

Made from high-density closed-cell foam, this fender offers an excellent pressure resistance. Can be positioned either vertically or horizontally.

- It features a nylon/PVC waterproof cover with a zip fastening. Navy colour.
- The cover is washable and removable for easy maintenance.
- Supplied with rope.

Thickness	Width	Length	Rope	Ref.
6 cm	25 cm	30 cm	2.10 m	**62298**
12 cm	30 cm	40 cm	2.60 m	**62299**
12 cm	40 cm	50 cm	3 m	**62300**

Accessory

Polyamide snap hook, black
16795
Length : 55 mm, Ø 15 mm.

Can also be used as a seat cushion or back supporter.

Flat type fenders

- Semi-rigid fenders : will not puncture or deflate.
- Manufactured in polyethylene closed cell foam, they provide good hull protection.
- Do not absorb oils or water.
- Easily stack in a locker.
- Will not mar the hull.
- Easy to clean.

Thickness	Width	Length	Blue	Grey
5 cm	19 cm	49 cm	**14518**	**64402**
8 cm	24 cm	65 cm	**64401**	**64403**
8 cm	31 cm	96 cm	**14520**	**64404**

Can also be used as a cushion to sit on or to kneel on.

Inflatable cushion-type fender

- **White : 67788**
- **Black : 67789**
- **Blue : 67790**

Cushion-type shape for a larger protection.
Perfectly adapted to the hull curves.
Shape and material easy to grip in the event of a man overboard, as an extra safety accessory.
Also perfect as a cushion on board, it can be deflated for space-saving when sailing.

- Heavy duty PVC, UV-treated.
- Dimensions : 60 x 40 cm.
- Brass valve.
- Recommended pressure : 0.2 bar - 2.9 psi.

Accessory

Connector for brass inflation valve : 67111

Brass connector for use on fenders.
Screw on the fender valve and use a compressor or a bicycle pump to inflate.
Check compatible models on www.plastimo.com.

Multifender

63919

White flexible PVC
Waffle design creates an articulated bumper grid that adapts to the boat hull or dock shape :
flat, rounded or angled.
Dimensions 60 x 30 cm.
Thickness 8 cm.
Weight 3 kg.

Ladder fender

Multi-function ladder fender : to protect topsides and enable easy access on board.

Colour	Model	Ref.	Dimensions	Weight
White	1-step	**64187**	30 x 12 x 36 cm	1.8 kg
	2-step	**186362**	25 x 12 x 55 cm	3 kg
	3-step	**186364**	25 x 12 x 75 cm	4 kg
	4-step	**186366**	25 x 12 x 95 cm	5 kg
Blue	1-step	**64188**	30 x 12 x 36 cm	1.8 kg
	2-step	**186363**	25 x 12 x 55 cm	3 kg
	3-step	**186365**	25 x 12 x 75 cm	4 kg
	4-step	**186367**	25 x 12 x 95 cm	5 kg

Fenders for RIBs

Made from closed cell polyethylen foam, UV and hydrocarbon resistant.
Curved shape to fit the RIB or tender tube.
Provides efficient protection against abrasion along pontoons or jetties.
Stacks easily for storage.

Size	Dimensions	White	Grey
S	270 x 440 mm	**55798**	**55799**
L	330 x 830 mm	**55796**	**55797**

Bow fenders

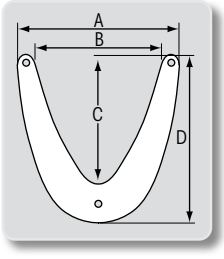
Bow protector
63918

White PVC.
Dimensions 60 x 14 cm.
Weight 1.8 kg.

Multifender
63919

White flexible PVC.
Waffle design creates an articulated bumper grid that adapts to the bow shape.
Multiple boat protection and dock edging applications.
Dimensions 60 x 30 cm. Thickness 8 cm.
Weight 3 kg.

Ring fender
PVC inflatable fender.
Int. Ø 10 cm
External Ø 33 cm
- **White : 39626**
- **Blue : 49088**

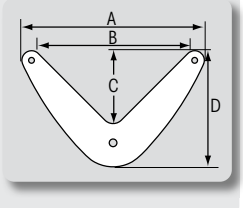


Bow fenders

White	Blue	A	B	C	D
39627	**49089**	35 cm	27.5 cm	25.5 cm	34.5 cm
16333	**49090**	48 cm	38 cm	38.5 cm	50.5 cm

Stern fender

White	Blue	A	B	C	D
16334	**49091**	47.5 cm	39 cm	19 cm	30 cm



Fenders socks

Long fender socks

Prevent scuffs and scratches on the hull.
Protect the fenders from harbour grime and UV rays.
Made from washable, thick, stretchy polyester.

Sock size	Fender dimensions		Red	Navy	Black	Beige	Burgundy	Fits Performance fender
	Ø max.	Long. max.						
Mini*	10 cm	35 cm	**57251**	**57252**	**57253**	-	-	10 x 40 cm
F0*	15 cm	40 cm	**57236**	**57246**	**57241**	**64015**	**57262**	13 x 50 cm
F01-F1*	15 cm	56 cm	**57237**	**57247**	**57242**	**64016**	**57263**	15 x 60 cm
F02*	20 cm	68 cm	**57254**	**57255**	**57256**	-	-	-
F2*	23 cm	56 cm	**57238**	**57248**	**57243**	**64017**	**57264**	21 x 62 cm
F3*	23 cm	76 cm	**57239**	**57249**	**57244**	**64018**	**57265**	20 x 80 cm
F4*	23 cm	102 cm	**27113**	**35681**	**35662**	-	-	-
F5*	30 cm	76 cm	**57240**	**57250**	**57245**	**64019**	**57266**	23 x 85 cm
F6**	30 cm	107 cm	**27115**	**35683**	**35664**	-	-	-
F7**	38 cm	102 cm	**54724**	**54725**	**54726**	-	-	-

* single layer ** double layer

Spherical fender socks

Washable, thick, stretchy polyester.

Sock size	Ø max.	Red	Navy
A1*	31 cm	**57700**	**57702**
A2*	40 cm	**57701**	**57703**
A3**	48 cm	**42564**	**42569**
A4**	59 cm	**42565**	**42570**
A5**	75 cm	**42566**	**42571**
A6**	93 cm	**42606**	**42607**
A7**	110 cm	**54738**	-

* single layer ** double layer

Fender sock, one size fits all

24733

Made of polyamide. Fits nearly every type of our fender range, thanks to its endless, tube-shaped fabric of great elasticity and resistance.
Sold in 5 metres, with 12 plastic holder clips.
Can equip 6 fenders Ø 10 to 25 cm.

Accessories for fenders

Plasticlip®

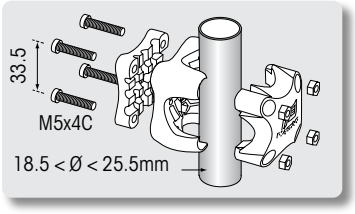
MADE BY PLASTIMO

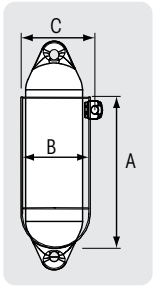
A clever multi-purpose clip, engineered by Plastimo :

• **Easy and swift installation :**
no drilling required, you can change the installation of your equipment at any time.

• **Fits virtually anywhere on board :**
Plasticlip fits the most common tube diameters (from 18.5 to 25.5 mm) and can be mounted vertically (stanchion, pulpit) or horizontally (pulpit, pushpit).

Clip in heavy duty polyamide, metal parts in 316 L stainless steel.

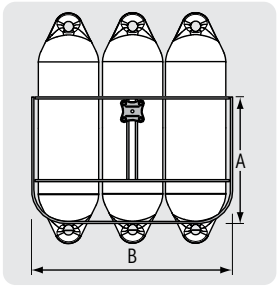




Standard one-fender model

Supplied complete with clip, screws and 316 L stainless steel basket.

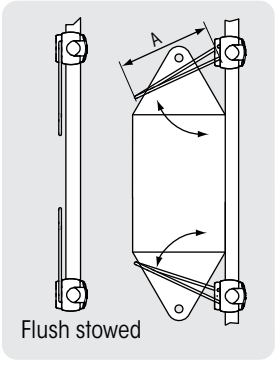
Ø Fender	Ref.	A	B	C
200 mm	**36189**	455 mm	205 mm	235 mm
230 mm	**36190**	558 mm	235 mm	265 mm
250 mm	**36191**	475 mm	255 mm	285 mm



Standard 3-fender model

Supplied complete with clip, screws and 316 L stainless steel basket.

Ø Fender	Ref.	A	B
150 mm	**36207**	310 mm	460 mm
200 mm	**36209**	455 mm	610 mm



Universal holder

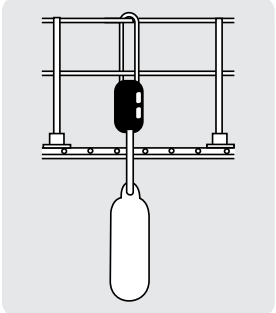
Unique fender holder : both clips feature a 316 L st. steel spring-mounted bracket which holds the narrow ends of the fender.
The clips can be adjusted up and down the rail, the only limit being the rail length.

When fenders are taken away, the brackets fold flat thus leaving ample room to move about on the deck.
Suitable for vertical (stanchions or pushpit) or horizontal fender stowage (pulpit).

Ø Fender	Ref.	A
90 - 200 mm	**36203**	180 mm

Fender cleat

Colour	For Ø 3-6 mm	For Ø 6-12 mm
Black	**16857**	**16856**
White	**14087**	**14088**



Rope for fender

3-strand polyester rope for fender. Features a spliced extremity.

Ø	Ref.	Length	Weight
6 mm	**48200**	1.50 m	0.05 kg
8 mm	**48201**	2 m	0.11 kg

Dock protections

The Marina Fender and the Fender List can be cut out and bent to fit all pontoons or catway shapes.

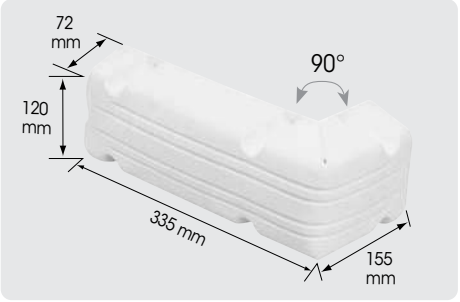
Dock protections

2 mooring protections made from Bacell®, a 100% closed-cell foam.
Bacell® offers excellent resistance to perforation and optimum shock absorption.
It is easy on hulls and fully resistant to UV.

Model	Ref.	Colour	Length	Height	Thickness	Accessories included
Marina Fender	**57406**	White	1000 mm	140 mm	60 mm	4 plastic fixing plates St. steel bolts.
Fender List	**57407**	White	940 mm	85 mm	44 mm	

Dock fender
16339

Multi-purpose boat or marina fender.
Designed to be secured on a flat surface.
Fastening with 8 x Ø 7 mm screws (not included).



Angle dock fender
16340

Fully adjustable up to 90°, ideal for corners of pontoons.
Fastening with 8 x Ø 7 mm screws (not included).
Unfolded length : 490 mm.

Dock rubber fender
13710

White rubber.
Dimensions : 30 x 10 x 4 cm.

Inflatable boat & fender cleaner/ protector
0.5 L bottle : 184099

- Heavy duty formula removes dirt, grime, scuff marks and oxidation stains.
- Safe for use on all rubber and vinyl surfaces.
- No hard rubbing or buffing required.
- Leaves a tough protective coating.
- Protects against UV rays.

Dockwheel
66437

Protect your boat from angle's pontoons damages . Mounting on pontoon's corners.
PVC wheel, diameter 30 cm, width 15cm, mounted on plastic bracket.
Bracket's dimension : L: 17,5 cm x W: 8 cm

Bumper®

Whether you sail shorthanded or singlehanded, whether you are a beginner or a confirmed skipper, the Bumper® will take away some "emotional" moments when approaching the pontoon, in particular when the wind blows hard and currents are unkind ! The Bumper® is a really efficient fender, to be fixed on the pontoon ; according to its location, it provides efficient protection to the bow and amidships. Suitable for all pontoon or catway shapes : square or round end pontoon. Sturdy construction, from rotomoulded PVC, UV-ray protected. Registered design.

Bumper®, no-drill universal mount

Unique patented fixing system.

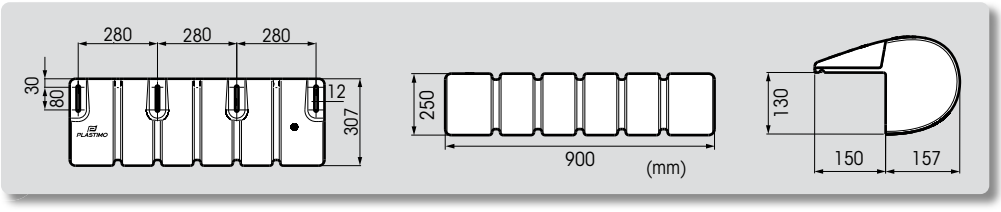
- Provides efficient protection to the bow and amidships, depending on location. Suitable for all pontoon or catway shapes thanks to **no-drill fixing system**.
- Sturdy construction (150 mm thickness on impact zone) rotomoulded PVC.
- UV protected.

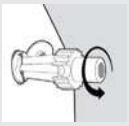
Model	Dimensions	White	Blue	Grey
Bumper® 3/4 – universal mount	Ø 307 x 900 mm	**65690**	**65928**	**65929**
Bumper® 3/4 universal mount foam-filled	Ø 307 x 900 mm	**66365**	**66366**	-

Dock-bolting kit not originally included, must be ordered additionally.

Can be adjusted from 40 to 120 mm to the edge of the pontoon.

In most ports, drill fixing system is forbidden.





Valve in injected polyethylene.
- Can be replaced in seconds.
- 100 % corrosion-free.
- Features a protection cap.

Spare valve
- ***Black valve and cap : 63935***
- ***White valve and cap : 63936***

For Performance fenders and Bumpers®

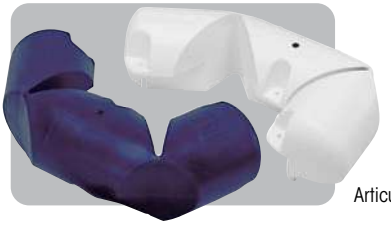
Adapter for Plastimo valve 56860

Specially designed to inflate Performance fenders and Bumpers®. Compatible with all our pumps and inflators.

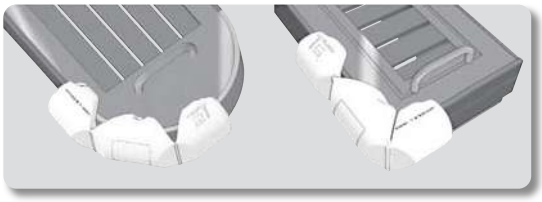
Bumper®, standard mount

Model	Dimensions	Standard			Foam-filled
		White	Blue	Grey	White
Bumper® 3/4 - standard mount	Ø 180 x 400 mm	**38082**	**39357**	**66401**	-
	Ø 250 x 900 mm	**30102**	**37781**	**36856**	**37783**
Bumper® 1/2 - standard mount	Ø 180 x 400 mm	**38558**	**39358**	**66399**	-
	Ø 250 x 900 mm	**38068**	**39356**	**51025**	**39362**
Articulated Bumper® - standard mount	Ø 180 x 800 mm	**39146**	**39359**	-	-

For more dimensions, see plastimo.com



Articulated Bumper®



Bumper® 1/2

Bumper® 3/4

The Bumper® filled with foam is ideal for boats from 9 m and is also recommended for very busy pontoons (such as the technical pontoon : fuel and water intake…).

Accessories for Bumper

Docking pole
29640

Length : 111 cm.
Whether casting off or picking up your mooring lines, you operate in optimum safety conditions : your line is always handy, with no need for a crewmember to step off.

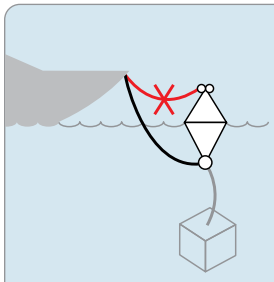
Fastening clamps
36663

Some harbour authorities may not authorize screws.
If so, you will fix your Bumper® with the set of fastening clamps. (except for the articulated model).

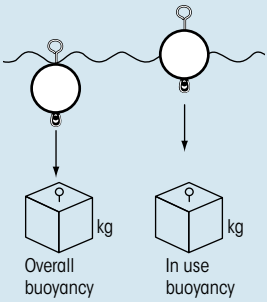
St. steel bolting kit
64014: 1 Dock-bolting kit
65843: 4 Dock-bolting kit

To secure Bumper® in dock aluminium groove :
T-shaped stainless steel bolt, locknuts and extra-large washer. Two to three kits are necessary to secure a Bumper.

Mooring buoys



When using a mooring buoy with rod or eyelets, it is indispensable to moor and secure the boat directly on the chain or shackle underneath the buoy. The ring on the buoy upper part is only intended to grasp the buoy with a boat hook.



Mooring buoy with eyelets

Bi-conical, UV resistant plastic.

Yellow	White	Orange	Ø	Height	Buoyancy overall	Buoyancy in use
43433	**16412**	**16413**	22 cm	49 cm	8 kg	5 kg
43431	**43430**	**43429**	27 cm	60 cm	13 kg	7 kg
43427	**16414**	**16415**	32 cm	80 cm	25 kg	15 kg
30631	**16416**	**16417**	50 cm	103 cm	55 kg	30 kg

Mooring buoy with rod

Bi-conical, UV resistant plastic, foam filled.

White	Orange	Ø	Height	Buoyancy overall	Buoyancy in use
62268	**62267**	32 cm	80 cm	20 kg	13 kg
62270	**62269**	50 cm	103 cm	50 kg	28 kg

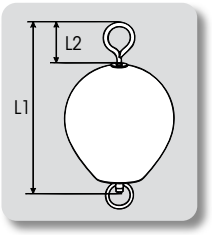
Mooring buoy

- Yellow : **16389**
- White : **16387**
- Orange : **16388**

Rigid Plastic. Ø 25 cm : height : 35 cm.
Buoyancy overall : 12 kg. Buoyancy in use : 6 kg.

Mooring buoy with rod

Soft PVC, UV resistant.
Rod in hot galvanised steel.
Recommended pressure : 0.15 bar.
Diameters are calculated at a pressure of 0.15 bar at approximately 20° C may fluctuate by 10%.
Diameters of foamfilled buoys may also fluctuate in the same proportions, due to the foam-filling process.



		Model	Orange	White	Ø mm	Rod Ø mm	L1 cm	L2 cm	Weight kg	Buoyancy kg Overall	Buoyancy kg in use
Standard rod	A	Foam filled	**57581**	-	280	16	52	14.5	2.6	14	8
	B	Not inflated	**57583**	**57584**	385	16	64	15	4.85	28	16.5
		Foam filled	**57585***	**57586***		16	64	15	6.3	28	14.5
		Not inflated	**57587**	**57588**	450	19	74	15	6.3	53	31.5
		Foam filled	**57589***	**57590***		19	74	15	9.4	53	28.5
		Not inflated	**57591**	**57592**	540	19	85.5	17	8.6	98	58
		Foam filled	**57593***	**57594***		19	85.5	17	14	98	55

* Foam filled buoy available on special order.

Floats

Dimensions in cm.

1-eye plastic float

Yellow	Orange	White	Overall height	Ø	Ø Top eye	Weight	Buoyancy Overall	Buoyancy In use
57392	**57393**	**60567**	18	15	1.1	150 g	1.6 kg	1 kg

Round surface float

Polyethylene.

Yellow	Orange	White	Ø	Height	Rope Ø	Buoyancy Overall	Buoyancy In use
-	**43956**	-	4.8	3.2	0.6	62 g	31 g
-	**43960**	-	5.6	3.6	0.8	71 g	35 g
62202	**62188**	**62187**	8	3.9	0.8	500 g	130 g

Small float

50

Hollow polyethylene.

White	Red	Ø	Rope Ø	Buoyancy Overall	Buoyancy In use
16379	**16380**	7	1 - 1.2	123 g	65 g

Round surface float

Suitable for fitting marker flag.

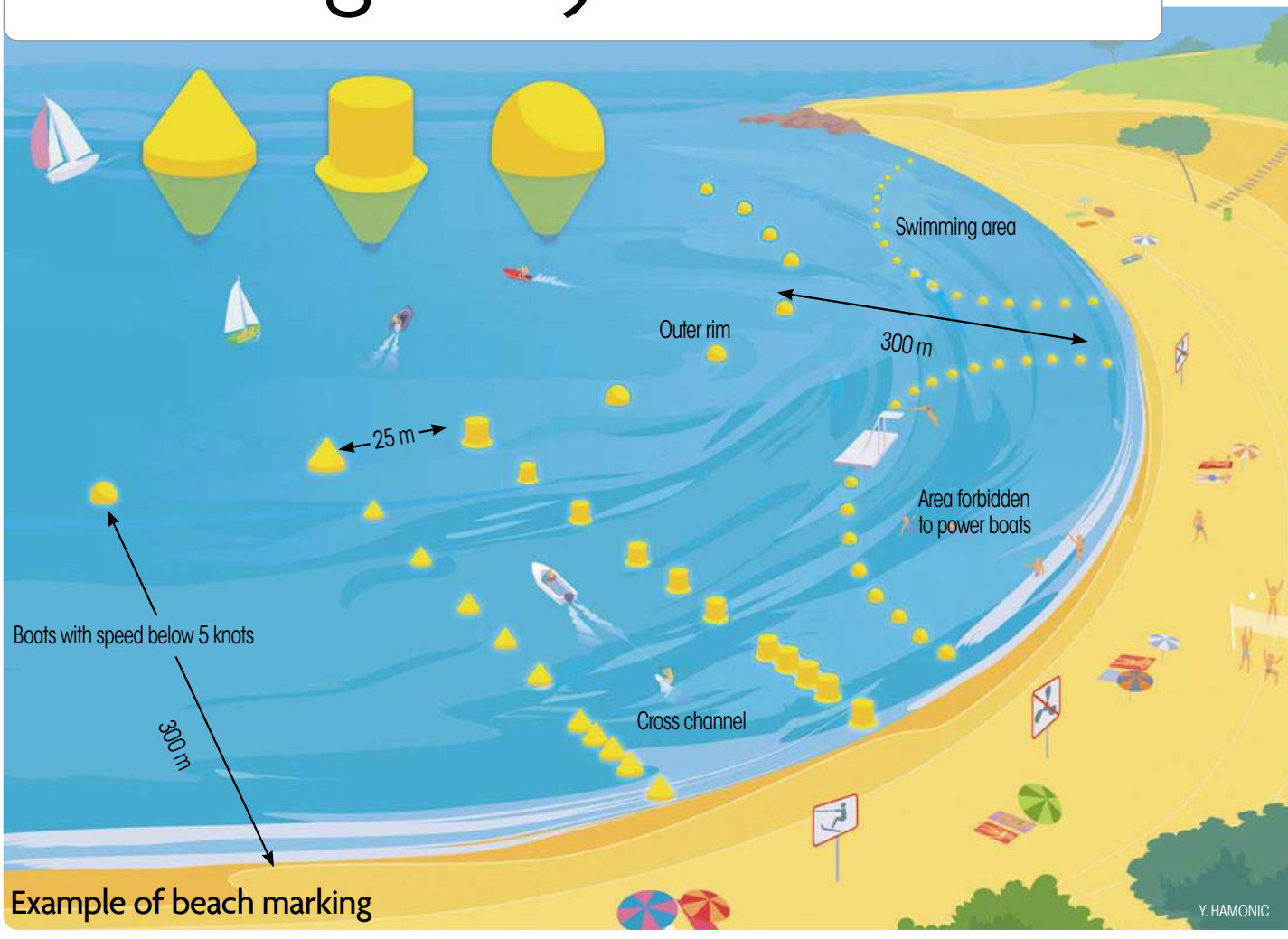
Yellow	Orange	White	Ø	Height	Rope Ø	Buoyancy Overall	Buoyancy In use
43399	**62182**	**62181**	17	14.5	2	3 kg	1.7 kg
43397	**62185**	**16385**	26	20	3	15 kg	8.5 kg

Marker float

16381

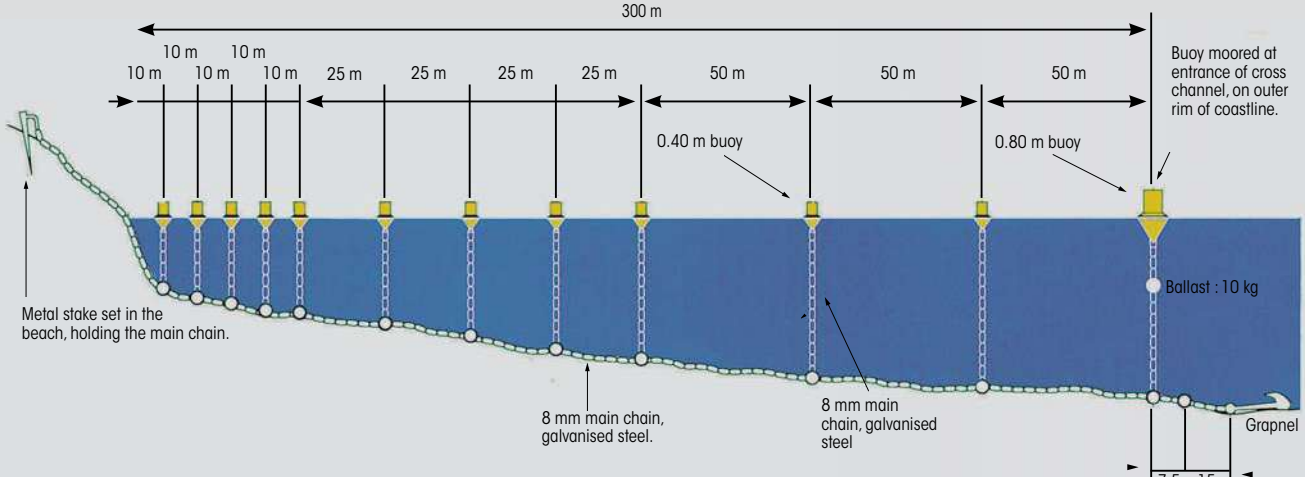
Red and white polystyrene.
Floats are supplied without rope.
Length : 14 cm, Ø : 6 cm.
Rope Ø : 1.2 cm.
Buoyancy overall : 262 g.
Buoyancy in use : 131 g.

Marking buoys



Example of beach marking

- The outer rim of the 300 m coastline is marked with yellow 0.80 m diameter spherical buoys, which are moored at a maximum of 200 m from each other.
- The entrance of the cross channel is marked on port side with one yellow 0.80 m diameter cylindrical buoy, and on starboard with one yellow 0.80 m diameter bi-conical buoy. The lateral limits of the cross channel are marked on port side with yellow 0.40 m diameter cylindrical buoys, and on starboard with yellow 0.40 m diameter conical buoys. These buoys are moored closer and closer together as one gets nearer the shore.
- The limits of the reserved areas are marked with yellow 0.40 m diameter spherical buoys.

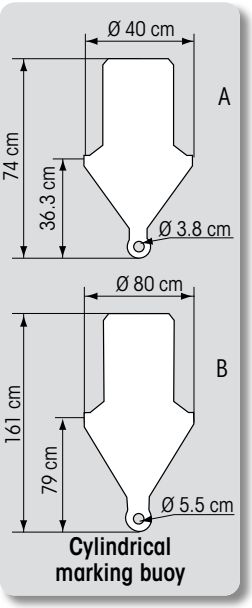


Mooring example for a line of lateral buoys on the port side of a cross channel.

Marking buoys

UV-treated rigid plastic construction. A brass eyelet reinforces the ring.

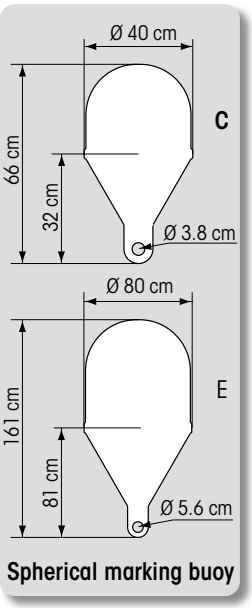
Delivery time
Minimum 4 to 5 weeks upon receipt of order.



Cylindrical marking buoy

Cylindrical marking buoy

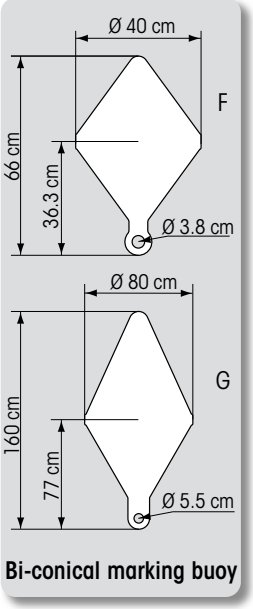
Model	Use	Overall height	Ø at waterline level	Ø of upper part	Buoyancy		Version	Reference	
					Overall	In use		Yellow	Red
A	Portside channel marking	74 cm	40 cm	25 cm	38 kg	14 kg	empty	**16433**	**31928**
					36.5 kg	12.5 kg	foam filled	**16434**	**31312**
B	Large size for channel entrance Portside side	161 cm	80 cm	51 cm	290 kg	110 kg	empty	**43404**	**43405**
					276 kg	96 kg	foam filled	**16436**	**35628**



Spherical marking buoy

Spherical marking buoy

Model	Use	Ø	Overall height	Buoyancy		Version	Reference Yellow
				Overall	In use		
C	Marking the limits of reserved areas	40 cm	66 cm	45 kg	14 kg	empty	**16427**
				43 kg	12 kg	foam filled	**16428**
D not shown	Marking the limits of reserved areas	60 cm	110 cm	130 kg	45 kg	empty	**16429**
				121 kg	36 kg	foam filled	**16430**
E	Outer rim of the 300 m coastline	80 cm	161 cm	261 kg	110 kg	empty	**43411**
				240 kg	89 kg	foam filled	**11673**



Bi-conical marking buoy

Bi-conical marking buoy

Model	Use	Ø	Overall height	Buoyancy		Version	Reference	
				Overall	In use		Yellow	Green
F	Starboard channel marking	40 cm	66 cm	30 kg	14 kg	empty	**16440**	**31929**
				28.5 kg	12.5 kg	foam filled	**16442**	**31311**
G	Large size for channel entrance. Starboard side	80 cm	160 cm	200 kg	100 kg	empty	**43418**	**43420**
				186 kg	86 kg	foam filled	**16443**	**35629**

Regatta mark buoys

©Christophe Favreau – Solo Maître Coq – Les Sables d'Olonne

Regatta mark buoys

Large inflatable mark buoys, manufactured from bright yellow PVC. Totally resistant to UV rays.

Fitted with carrying handles and two inflation/deflation valves.

Both buoys feature large transparent pocket(s) for advertising use. Dimensions of pockets : 69 x 60 cm.

Fitted with special net that absorbs pulling forces from anchor line.

No special ballast required, no special maintenance necessary.

Model	Reference	Ø	Height	Inflated weight	Transparent pocket
Cylindrical	**16448**	0.90 m	1.50 m	4 kg	1 pocket
Spherical	**16445**	1.50 m	1.60 m	8 kg	2 pockets

Supplied with repair kit including PVC patch and adhesive.

Accessories

- ***Spare bung***
  36081
- ***Spare net***
  22754 : *for buoy Ø 0.90 m.*
  22755 : *for buoy Ø 1.50 m.*
- ***Extra repair kit***
  16447

Buoy for regatta training

38076

Buoy for regatta training. It can be used either as a drifting buoy, or as a traditional regatta buoy, with the additional advantage of small dimensions and ease of use.

- Quick inflating and deflating : 1/4 turn valve (Halkey Roberts type) accommodates most pumps.
- Easy to hoist back on board thanks to numerous grab handles.
- Easy to carry : small dimensions when folded. Supplied with storage bag.
- PVC 1100 Decitex : sturdy and rigid.
- Bright yellow colour for good visibility.
- Little drifting in the wind ; the buoy stands vertically thanks to the ballast bag at the bottom and to a high immersed section (52 cm).

- Height : 1.88 m.
- Diameter : 26 cm.
- Weight : 2.7 kg (without ballast).

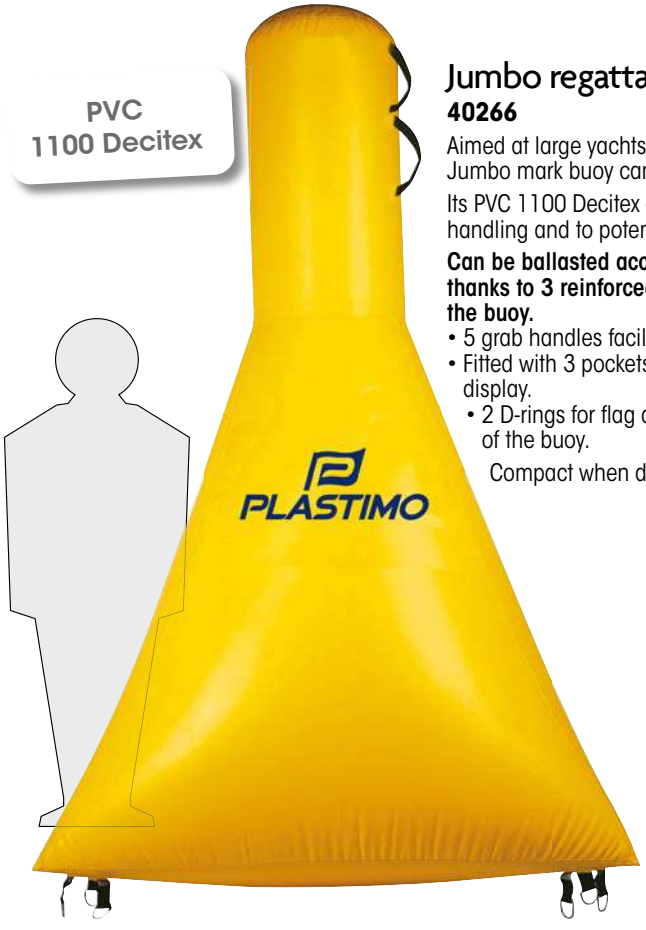
Ballasted buoy

The ballast pouch with hook'n loop fastener contains up to 14 kg (recommended weight, to be made up of stones, pebbles…). This pouch will also prove handy to stow the extra length of mooring line, in order to prevent the rudder or keel from getting entangled.

Mooring line fastened to the grab handle on the lower section of the buoy.

© JM Liot - Juliette Hoquet-Chatenet - Les Jibers 2 Menhirs

PVC
1100 Decitex



Jumbo regatta mark buoy

40266

Aimed at large yachts, the **3.20 m high** Jumbo mark buoy can be easily spotted even from a distance.

Its PVC 1100 Decitex construction makes it very resistant to handling and to potential collisions with boats.

Can be ballasted according to sea and wind conditions, thanks to 3 reinforced attachment D-rings at the base of the buoy.

- 5 grab handles facilitate handling.
- Fitted with 3 pockets (60 x 90 cm) for logo or advertisement display.
- 2 D-rings for flag attachment at the top of the buoy.

Compact when deflated.

- Dimensions when folded : 1 m x 40 cm x 20 cm.
- Dimensions when inflated : height 3.20 m ; length (triangular base) : 2 m ; cylinder diameter (top part of the buoy) : 60 cm.
- Weight : 16 kg.
- Inflation : 20 min. with electric inflator. 1/4 turn valve (Halkey Roberts type) accomodates most pumps.

Reinforced attachment D-rings.

Flag attachment D-rings.

5 grab handles.

Accessories & complementary products

	Buoy 16448	*Buoy 16445*	*Buoy 38076*	*Buoy 40266*
Repair kit	***16447***	***16447***	***24816***	***24816***
Spare valve	-	-	***50881***	***50881***
Spare bung	***36081***	***36081***		
Spare net	***22754***	***22755***	-	-
Recommended mooring kit ***See page 175***	*Package Kobra 4 kg ref. 46564*	*Package Kobra 4 kg ref. 46564*	*Package Kobra 4 kg ref. 46564*	*Package Kobra 6 kg ref. 46566*

Ladders

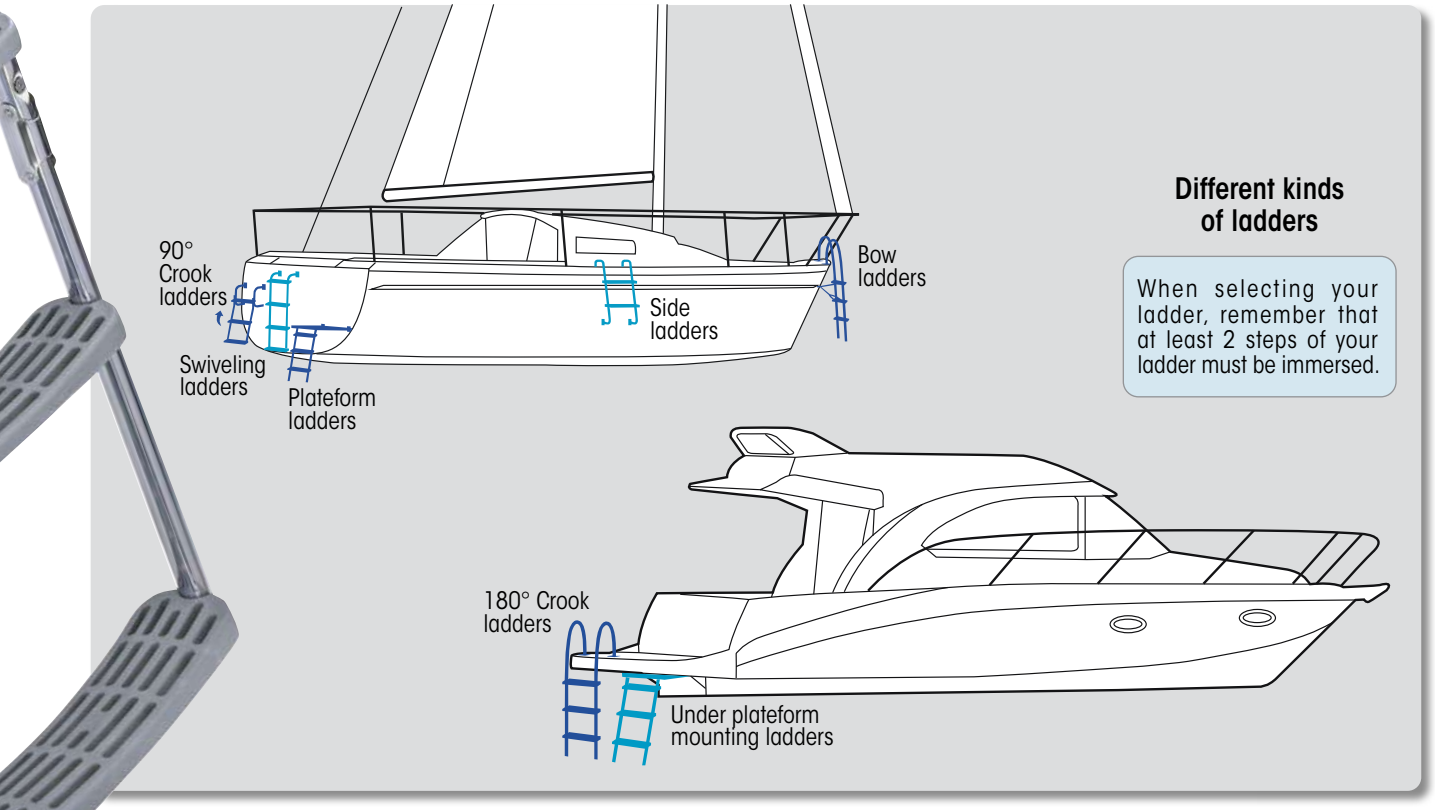
Boarding ladders are often associated to comfort and fun but they remain first and foremost a safety element on board (EN ISO 15085 standard, July 2003). Therefore Plastimo has chosen to further improve the comfort and sturdiness of its ladders.

Provides unparalleled comfort and safety.

The width and depth of the anti-slip steps enable you to keep your feet always flat on the step, thus feeling safe and steady.
The material and smooth shape of the steps are soft to bare-feet, adding to your comfort. Withstands the harsh marine environment.
The use of materials with a proven record of reliability such as 316 L stainless steel, polypropylene guarantees the durability and the performance of the ladder.
In our Brittany-based factory, all our products are tested in a seawater fog laboratory, where the product undergoes accelerated ageing to reproduce the extremely harsh marine environment.

Two concepts have been developed by our R&D department :

- The exclusive assembly process which allows the steps to keep horizontal, whatever the shape and inclination of the free-board, transom or skirt, simply with an allen key.
- The specific design of the steps, slightly curved and rounded also deep and wide, helps keep your feet away from the free-board and increases the rigidity of the ladder to make boarding safer and easier.



Different kinds of ladders

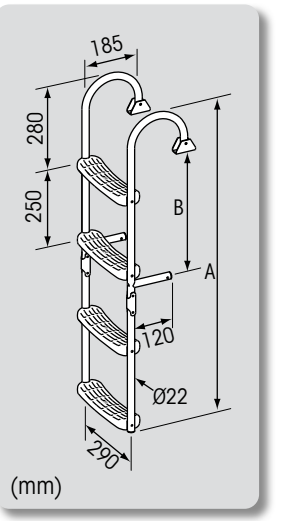
When selecting your ladder, remember that at least 2 steps of your ladder must be immersed.

180° crook ladders

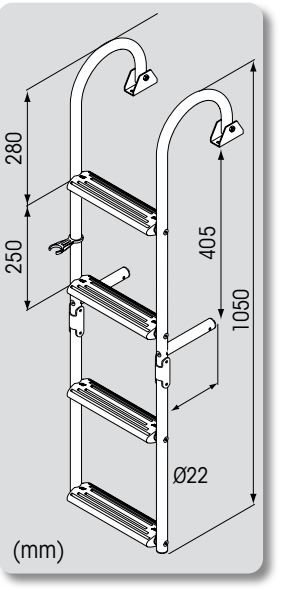
St. steel folding ladder

2 fixed steps + 2 mobile : **55695**
3 fixed steps + 2 mobile : **55696**
2 fixed steps + 3 mobile : **55697**
3 fixed steps + 3 mobile : **55698**

Ref.	A	B
55695	1050 mm	405 mm
55696	1300 mm	655 mm
55697	1300 mm	405 mm
55698	1550 mm	655 mm



REMOVABLE LADDER
Add fixing plates 27073 : the ladder becomes removable !

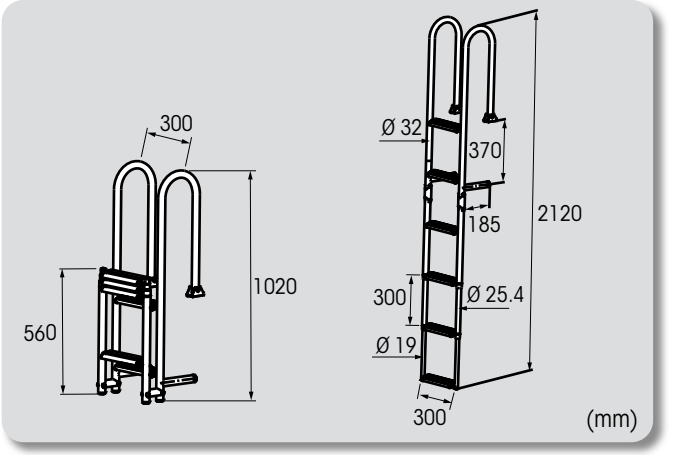


Ladder for narrow transom

2 fixed steps + 2 mobile : **30535**

Telescopic folding ladder

6 steps : **65958**
High crooks to facilitate boarding.



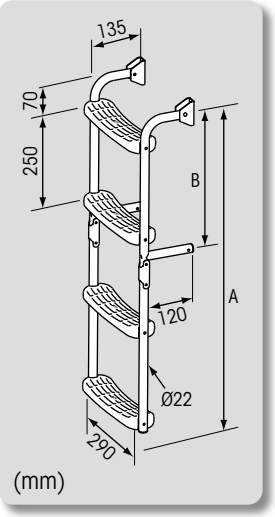
90° crook ladders

REMOVABLE LADDER
Add fixing plates 27073 : the ladder becomes removable !

St. steel folding ladder

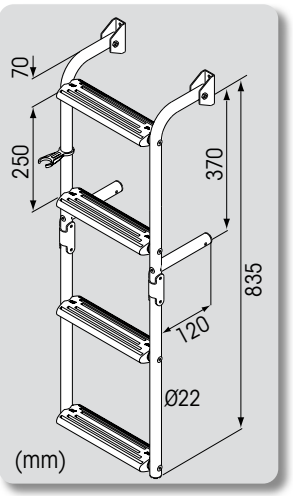
1 fixed step + 2 mobile : **55699**
2 fixed steps + 2 mobile : **55700**
3 fixed steps + 2 mobile : **55701**
2 fixed steps + 3 mobile : **55702**
3 fixed steps + 3 mobile : **55703**

Ref.	A	B
55699	785 mm	300 mm
55700	835 mm	370 mm
55701	1085 mm	620 mm
55702	1085 mm	370 mm
55703	1335 mm	620 mm



Ladder for narrow transom

2 fixed steps + 2 mobile : **30536**

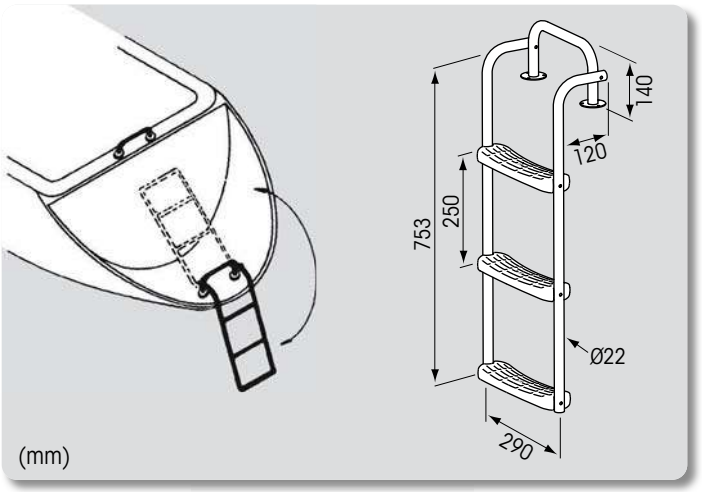


Swiveling ladders

Skirt and platform ladder

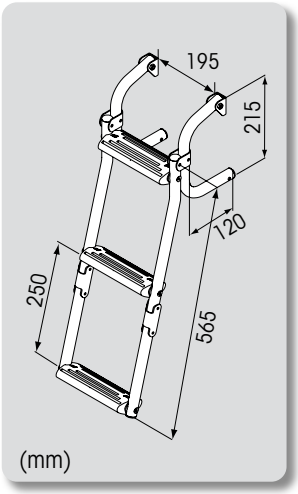
1 fixed step + 3 mobile : **55694**

The exclusive steps allow the use of the same ladder for swimming and to get access to the boat, from the pontoon.



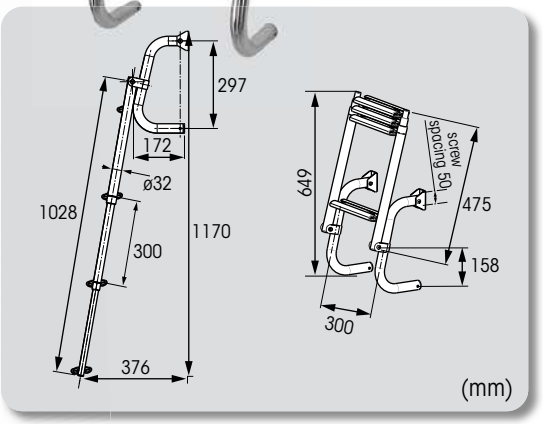
Ladder for narrow transom

3 steps : **29398**



Tilt-up telescopic ladder for transom

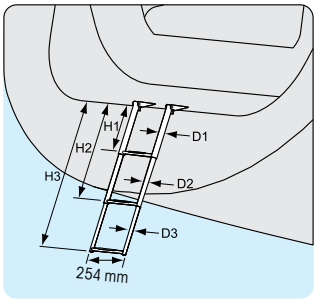
4 steps : **65957**

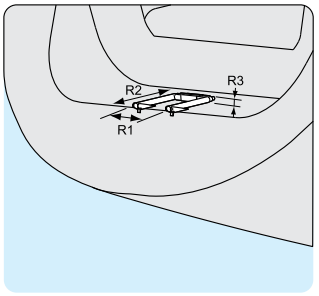


Dimensions in mm.

Telescopic ladder

Above platform mounting.



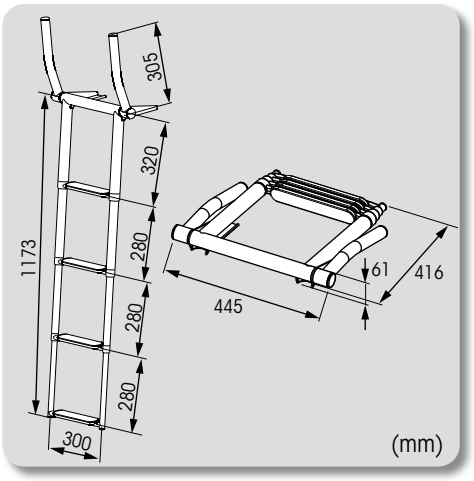


Ref.	Swivelling	H1	H2	H3	D1	D2	D3	R1	R2	R3
48682	3 steps	250	505	790	31.8	25.4	19	305	365	40

Above platform mounting telescopic ladder, teak steps

4 steps : **66531**

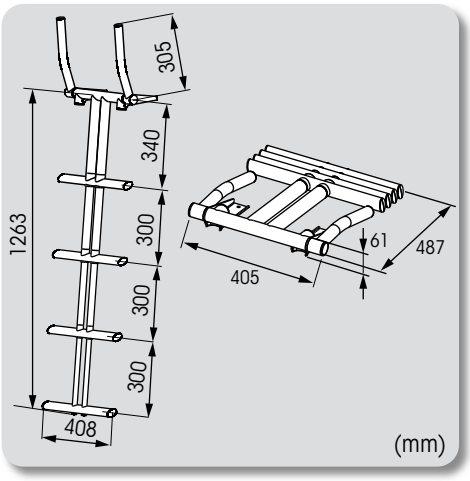
High handles to facilitate boarding.



Above platform mounting telescopic dive ladder

4 steps : **66553**

Dive ladder: anti-slip steps designed to be climbed with diving flippers.

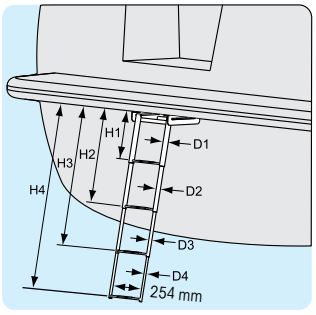


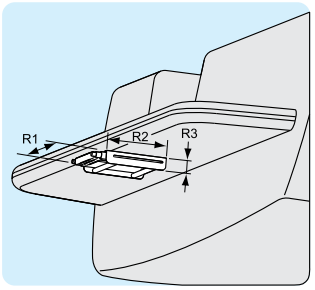
Under platform mounting ladders

St.steel 316 L

Telescopic st. steel ladder

Under platform mounting.

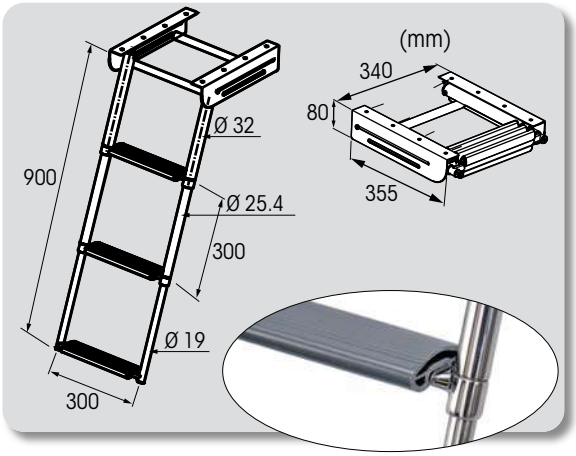




Ref.	Fold-away	H1	H2	H3	H4	D1	D2	D3	D4	R1	R2	R3
48684	3 steps	290	580	860	-	31.8	25.4	19	-	295	300	66
57036	4 steps			860	1150	38.5	31.8	25.4	19	303	318	78

Telescopic ladder, PVC steps

3 steps : **66344**



Anti-slip grey PVC steps, 70 mm wide for increased stability. Ergonomic shape, foot-friendly steps even with bare feet.
Exclusive Plastimo design with integrated cushioning system.

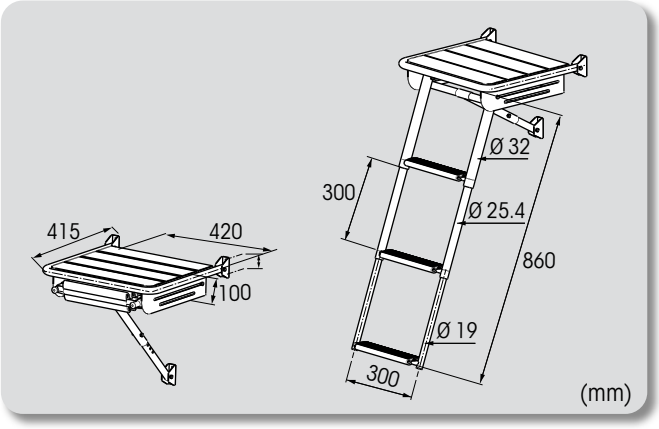
Platform ladders

MADE BY PLASTIMO

Telescopic ladder, teak platform

3 steps : **65959**

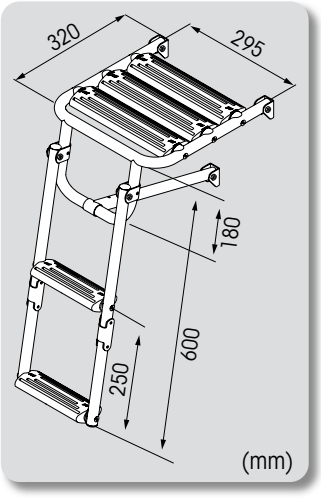
Anti-slip grey PVC steps, 70 mm wide for increased stability.
Ergonomic shape, foot-friendly steps even with bare feet.
Exclusive Plastimo design with integrated cushioning system.



Telescopic ladder, PVC platform

29390

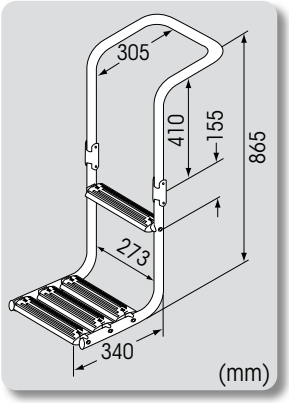
St. steel ladder, designed for any kind of boats. Its platform and its wide anti-slip steps provide comfort and steadiness.



Immersed platform ladder

29181

Specially designed for all types of inflatable boats from 3 to 6 metres, either RIBs or boats with full floor boards.
Consists in an immersed mini-platform, on which one can kneel and dispose of heavy or clumsy equipment (diving bottle, fins, gun...).
The scubadiver can theneasily climb on board.
Also ideal to return on board after swimming.



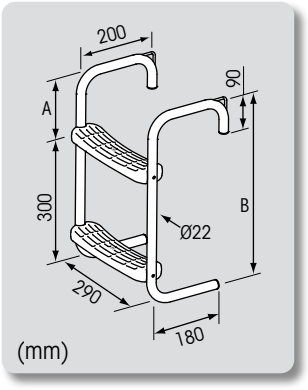
Side ladders

Pontoon st. steel ladder

Easily mounted, it helps getting on board easily and safely.
Antitheft hook system.

- 2 steps, crook height 90 mm : **55705**
- 2 steps, crook height 245 mm : **55706**

Ref.	A	B
55705	90 mm	485 mm
55706	245 mm	630 mm



Boarding ladder

Anti-slip plastic folding crooks.
Ø 25 mm aluminium tube.
Plastic steps, width 355 mm, depth 70 mm.
Height between steps : 255 mm.

Model	Crook - L		Height
	18 cm	26 cm	
2 steps	**60917**	**35911**	650 mm
3 steps	-	**35912**	930 mm
4 steps	-	**35913**	1210 mm

Collapsible boarding ladder

- **3 steps : 62149**
- **4 steps : 62150**

Plastic steps,
width 295 mm.
Assembly with synthetic rope combined with plastic tubes between steps, for added rigidity and safety.
Height between steps 200 mm.

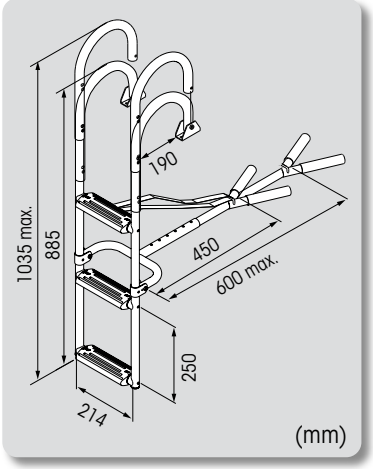
Folding aluminium ladder

10192

Aluminium, 2 steps.
For RIB's and inflatables.

- Width : 330 mm.
- Height : 810 mm.

Bow ladder



St steel ladder

29392

3 steps : supplied with fixing plates to easily fix and remove the ladder to the bow.
Unique step inclination adjustment concept.

Option

TWO-IN-ONE SYSTEM

- ***Stand-off to use the ladder also on the side of the boat : 66581***

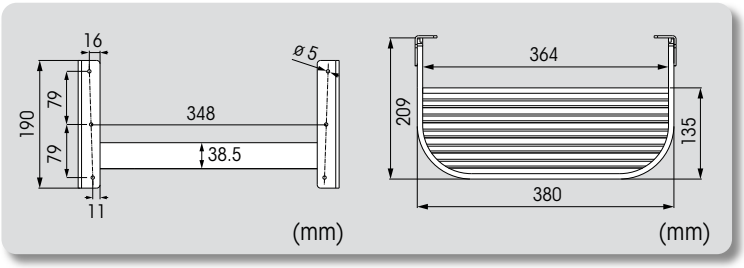
Steps

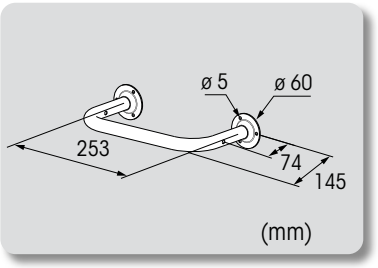
Aluminium step
419357

Flip-up aluminium and teak step.
W 380 x D 209 x H 190 mm.

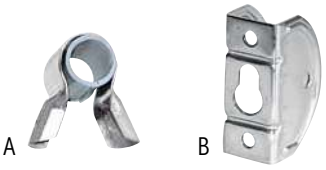
St. steel step
12572

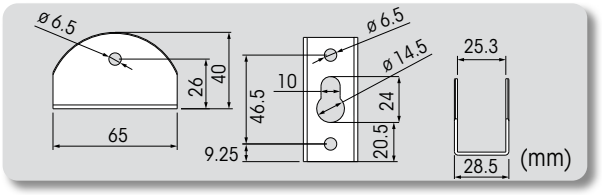
With fixed mounting plates
Ø 57 mm.
Hole spacing : 250 mm.
Ø 22 mm.





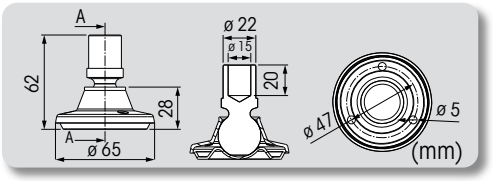
Accessories for customized ladders

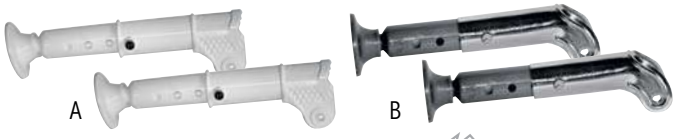




Fastenings

	Ref.	Description	Dimensions
A	**413569**	St.steel U-fastening for ladder.	Ø 25 mm
B	**408233**	St.steel fixing for ladder and platform.	Ø 25 mm
C	**416898**	St.steel ball joint for tube.	Int. Ø 22 mm





Stand-offs

A - **414158** Length 145/215 mm, Ø 25 mm.
B - **414159** Length 145/215 mm, Ø 22/25 mm.

Articulation
408234

St.Steel articulation for ladder.
Adjustable stand-offs.
Ø 25 mm.

Ladder steps

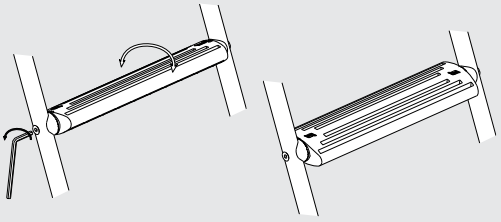
	Ref.	Description	Tube Ø	Dimensions	Hole spacing	Screws
A	**409684**	Plastic honeycomb step.	25 mm	265 mm x 68 mm	257 mm	Ø 5.5 x 38 TLC (not supplied)
B	**409645**	Plastic honeycomb step.	25 mm	370 mm x 70 mm	345 mm	Built-in rivets

Accessories for Plastimo Ladders

Adjustable steps : customise and adjust the steps inclination to match the transom angle

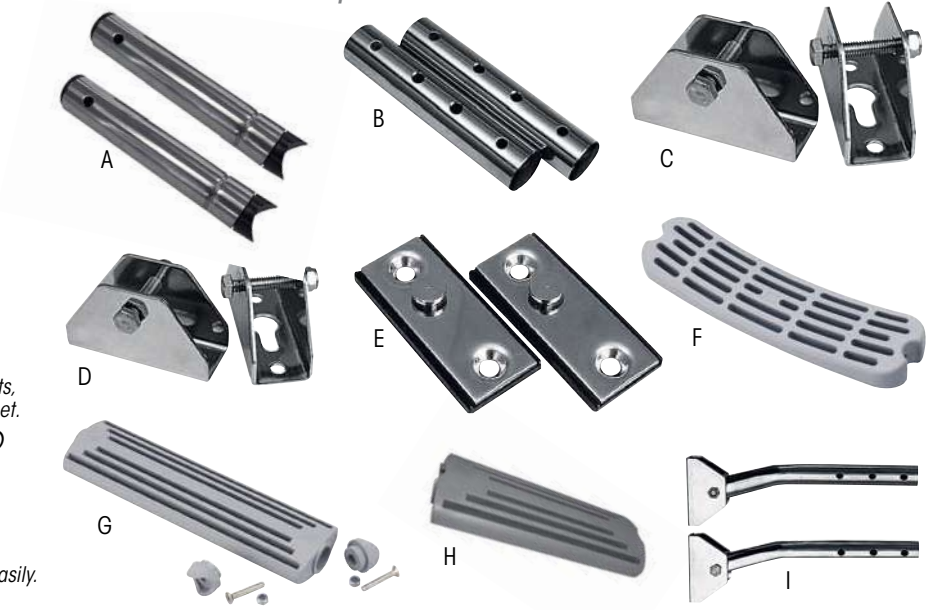
Unique step-adjusting concept, designed by our Research & Developement department.
This exclusive assembly process allows to keep the steps horizontal, whatever the shape and inclination of the free-board, transom or skirt.
You just need to add a step inclination kit that fits between the st. steel tube and the actual step.

Simply adjust the inclination of the steps with an allen key, which enables you to convert a "series" ladder into a "customised" ladder.



Accessories & Spares

- ***A. Spare stand-offs, st. steel (x 2)***
  36932
  Ø 22 mm.
- ***B. Stand-off extensions, st. steel (x 2)***
  12563
  Length 120 mm, Ø 25 mm.
  To increase the length of stand-offs in order to incline the ladder slightly and thus facilitate climbing back on board.
- ***C. St. steel fixing plates for stand-off extensions (x 2)***
  12586
  For tube Ø 25 mm. If your ladder is fixed permanently, these plates offer 4 fixing points, so as to have a better rigidity of the whole set.
- ***D. St. steel fixing brackets for stand-offs (x 2)***
  12587
  For tube Ø 22 mm. Same use as above.
- ***E. Fixing plates with trunnion nut (x 2)***
  27073
  Suitable for brackets 12586 & 12587.
  Allow ladder to be mounted and removed easily.
- ***F. Grey step, fixed***
  58835
  For ladder tube Ø 22 mm, width 295 mm.
- ***G. Grey step, adjustable horizontally.***
  15680
  For ladder tube Ø 22 mm, width 295 mm.
  End-pieces and screws included.



- ***H. Grey step for narrow transom, adjustable horizontally***
  55564
  For ladder tube Ø 22 mm, narrow transom.
  End-pieces and screws included.

On inclined transoms

- ***I. 15° transoms : St. steel fixing brackets stand-offs 35435***
  Tube Ø : 25 mm. Length : 22 cm.
  For ladders ref. 55700 and 55702.

Ref Accessories / Ref Ladders	36932 A	12563 B	12586 C	12587 D	27073 E	58835 F	15680 G	55564 H	35435 I
29181							X		
29390							X	X	
29392			X		X			X	
29398		X		X					X
30535	X	X		X	X			X	X
30536	X	X		X	X			X	X
55694						X			
55695	X	X		X	X	X			X
55696	X	X		X	X	X			X
55697	X	X		X	X	X			X
55698	X	X		X	X	X			X
55699	X	X		X	X	X			X
55700	X	X		X	X	X			X
55701	X	X		X	X	X			X
55702	X	X		X	X	X			X
55703	X	X		X	X	X			X
55704	X	X				X			X
55705						X			
55706						X			

Floating gangways

A great combination of lightweight and stylish design : the honeycomb core ensures rigidity and lightweight, while the outside shell in fiberglass and carbon resin contributes to great looks on your boat's stern.

Floating gangway, fiberglass/carbon

Monoblock technology for extra resistance.
Honeycomb structure for strength and rigidity with outside shell in fiberglass combined with vinylester and carbon.
Non-slip walkway surface for safe boarding.
Floating and lightweight, sturdy and UV-protected, scratch resistant.
Gangway comes with wheels on dock side and st. steel and anodized aluminum deck securing pin + deck socket support on boat stern side.
Stanchions and handrail are optional extras.

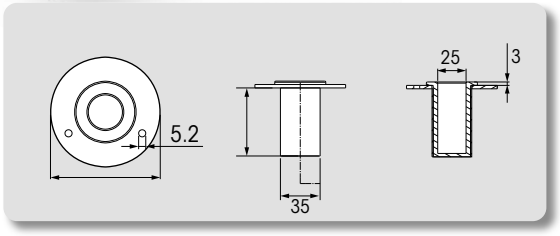
- Max. load : 300 kg

All metalware is 316L stainless steel or anodized aluminium

Wheels on dock side to roll along with the boat

Deck securing pin on the gangway

67861 Deck socket support on boat stern side



Folding version

Ref.	Modele	Length	Width	Weight	Max load
66450	Standard	2.20 m	0.39 m	8 kg	300 kg
66451	Folding	2.20 (1.10 m folded)	0.39 m	8.5 kg	300 kg
70158	Folding	2.60 (1.30 m folded)	0.45 m	13.5 kg	300 kg

Options

- ***Stanchions and handrail 66452***

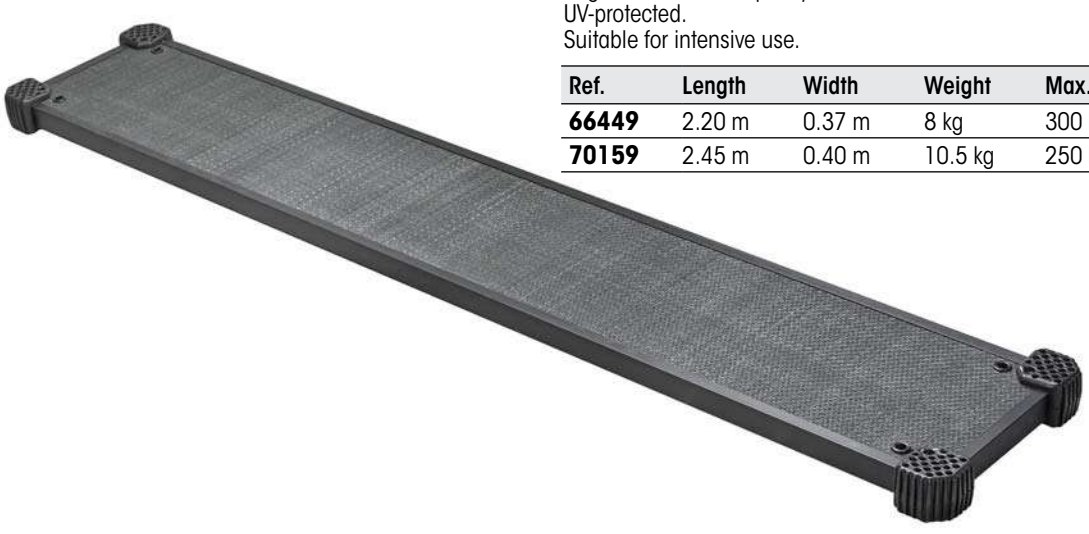
  2 stanchions and handrail for fiberglass/carbon gangways ref. 66450, 66451 and 70158.

- ***Storage bag for folding gangway***

  Storage bag for folding gangway.
  66453 *for 66451.*
  70160 *for 70158.*

Floating gangway, fiberglass/polypropylene

Thermoplastic composite material, strong and lightweight.
Honeycomb structure core for strength and rigidity with outside shell in fiberglass.
Non-slip walkway surface for safe boarding.
Angle buffers are in quality rubber that leaves no streaks on the boat.
UV-protected.
Suitable for intensive use.



Ref.	Length	Width	Weight	Max. load
66449	2.20 m	0.37 m	8 kg	300 kg
70159	2.45 m	0.40 m	10.5 kg	250 kg

Inflatable gangway

**Rigid for comfort and safety,
inflatable for easy storage and carrying.**

Longer and wider than most traditional rigid gangways, the Plastimo inflatable model is also more versatile : it becomes a swimming platform or a paddle board if you add the fins.
Combining both functions of safety equipment when docking and water fun inflatable board, it adapts to all water crafts that require a gangway.

Comes complete with a carrying bag, two fins, a high pressure pump and a repair kit.

Inflatable gangway

67153

- Generous dimensions for optimum safety : 70 cm wide vs. 40 cm approx. with most classic rigid gangways.
  2.5 m long vs. 2 m to 2.2 m usually with traditional models.
- Maximum capacity / load : 200 kg.
- Anti-slip surface on top.
- Wide rubbing strake.
- 4 stainless steel D rings : one at each angle to secure the board whatever the environment, either as a gangway or as a platform.
- 1 grabline on each side to facilitate boarding.
- Halkey-Roberts type inflation valve.
- Integrated manometer to check pressure instantly :
  Green = gangway can be used safely.
  Red = gangway is under-inflated, pressure must be topped up with high pressure pump.

With the addition of 2 fins (included), the gangway becomes a stand-up paddle.

1100 decitex PVC + EVA* deck pad.

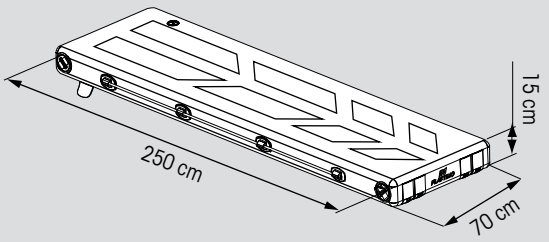
- PVC : durability, stiffness when inflated and resistance to pressure.
- EVA : soft feeling and excellent anti-slip performance, even when wet.

* Ethylene-Vinyl-Acetate, a highly flexible copolymer, UV-resistant.

Double stitch construction :

- The inflatable structure is held in shape by a woven-in system of polyester threads that build a very strong connection between the two PVC layers.
- Air provides volume and stiffness, polyester thread-linking guarantees the regular shape of the platform.

Max. pressure : 1 bar, 15 PSI



- Weight : 9 kg (gangway alone).
- Dimensions of folded gangway : 80 x 50 x 35 cm.

Rack for kayak / SUP / wakeboard

67881

More space on deck thanks to this removable rack designed for kayaks, wake-boards, stand-up paddles…

Robust rack in 304 marine grade mirror polished stainless steel construction. Foam padding with heavy duty UV resistant polyester protective cover.

Extremely strong adjustable arms for any size of kayak, stand-up paddle or water toy (holds up to 3 standard SUP's).

- Easy to fix and remove without tools.
- Fits straight and tapered on rails from 22-38 mm diameter.
- Storage width : 50 cm.

PLASTIMO
happy boating to you!

Deck Equipment & Rigging Hardware

Jean-Marie Liot ©

Jib reefing

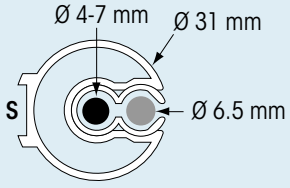
The Plastimo jib reefing range stems from 50 years of expertise in high-pressure injection and composite materials engineering. Designed for 4 to 11-metre boats, our headsail reefing meets the needs of all yachtsmen, whether experienced sailors or beginners. Very easy to use and virtually maintenance free, the Plastimo jib reefing is a reliable crewmember which contributes to your sailing performance.

MADE BY PLASTIMO

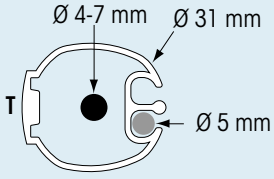
Selecting your Plastimo jib reefing

Spar design : S-series or T-series ?

The **S-series** jib reefing features a single-groove spar (S for "single"). Its patented assembly system allows for very easy installation with no need to unstep the existing forestay.



The **T-series** jib reefing features a twin-groove spar (T for "twin"). It allows the use of the jib reefing on a hollow forestay when racing, or the setting of twin head sails, to avoid hoisting the spinnaker.

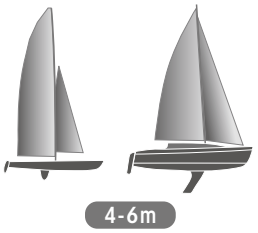


Chainplates or turnbuckle ?

- Most sailing boats are equipped with chainplates to fasten the forestay to the stem fitting. Chainplates come with several holes which facilitates the adjustment of the standing rigging. The use of chainplates also allows to position the tack point as low as possible.
- The turnbuckle version allows for more accurate rigging adjustments. However, the tack point will have to be positionned slightly higher depending on the turnbuckle size.

Which jib reefing size for my boat ?

Plastimo proposes 3 models to fit all sailboats from 4 to 11 metres.
While the boat length is important, you must also consider the forestay diameter and the headsail size. For example, in the case of a 6-metre boat, the 406 model will offer the best compromise. However, if the headsail size is much larger than the maximum sail area recommended, selecting a 609 model is a better option.



406 jib reefing

Lightweight and sturdy, the 406 jib reefing features all the benefits of a large headsail reefing system : 2 Delrin® twin ball bearing races in both drum and halyard swivel.
All components are manufactured from polyamide.

	406 JIB REEFING : sailboats 4 to 6 m (14 to 20 ft)			
Model	**406-S**	**406-S**	**406-T**	**406-T**
Mounting version	CHAINPLATES	TURNBUCKLE	CHAINPLATES	TURNBUCKLE
Reference	**25722**	**25723**	**25200**	**25286**
Forestay diameter	4 - 7 mm	4 - 7 mm	4 - 7 mm	4 - 7 mm
Supplied complete for forestay :				
• chainplates version	6.35 m	-	6.75 m	-
• turnbuckle version	-	6.45 m	-	6.85 m
Max. headsail size	12 m²	12 m²	12 m²	12 m²
Luffrope Ø, finished	6.5 mm	6.5 mm	5 mm	5 mm
Drum sheet capacity	7 m, Ø 5 mm		7 m, Ø 5 mm	

609 jib reefing

The 609 drum cheeks swivel through 360°, ensuring safe manoeuvres through a smooth and regular feeding of the tiller rope. These cheeks protect the reefing drum efficiently and the round unobtrusive design, combined with recessed screws, allow the free running of the ropes.
Reefing drum features highly resistant stainless steel and Delrin® ball bearings.
Halyard swivel features Torlon® and Delrin® ball bearings which enhances the overall performance and increases the mechanical resistance. Chainplates width is adjustable.

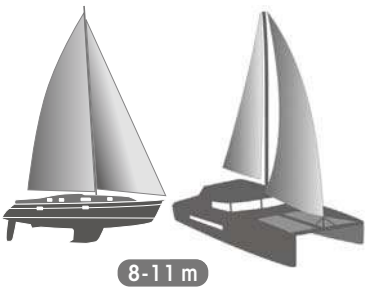
6-9m

	609 JIB REEFING : sailboats 6 to 9 m (20 to 30 ft)			
Model	**609-S**	**609-S**	**609-T**	**609-T**
Mounting version	CHAINPLATES	TURNBUCKLE	CHAINPLATES	TURNBUCKLE
Reference	**58202**	**58203**	**58207**	**58208**
Forestay diameter	4 - 7 mm	4 - 7 mm	4 - 7 mm	4 - 7 mm
Supplied complete for forestay :				
• chainplates version	9.40 m	-	8.95 m	-
• turnbuckle version	-	9.55 m	-	9.10 m
Max. headsail size	25 m²	25 m²	25 m²	25 m²
Luffrope Ø, finished	6.5 mm	6.5 mm	5 mm	5 mm
Drum sheet capacity	13 m, Ø 6 mm	13 m, Ø 6 mm	13 m, Ø 6 mm	13 m, Ø 6 mm

Halyard swivel common to 609 and 811

811 jib reefing

The 811 drum cheeks swivel through 360°, ensuring safe manoeuvres through a regular feeding of the tiller rope. The drum core is manufactured from highly resistant aluminium combining performance and lightweight features.
Drum and halyard swivel are equipped with Torlon® and Delrin® ball bearings for increased performance and mechanical resistance.
811 model comes as standard with adjustable chain plates, allowing both mounting possibilities (chainplates or turnbuckle).



8-11 m

	811 JIB REEFING : sailboats 8 to 11 m (26 to 36 ft)	
Model	**811-S**	**811-T**
Reference	**58204**	**58209**
Forestay diameter	4 - 7 mm	4 - 7 mm
Supplied complete for forestay :	11.20 m	11.40 m
Max. headsail size	35 m²	35 m²
Luffrope Ø, finished	6.5 mm	5 mm
Drum sheet capacity	17.5 m, Ø 8 mm	17.5 m, Ø 8 mm

Delrin® is a registered trademark of Dupont Polymers. Torlon® is a registered trademark of Solvay.

Additional packages

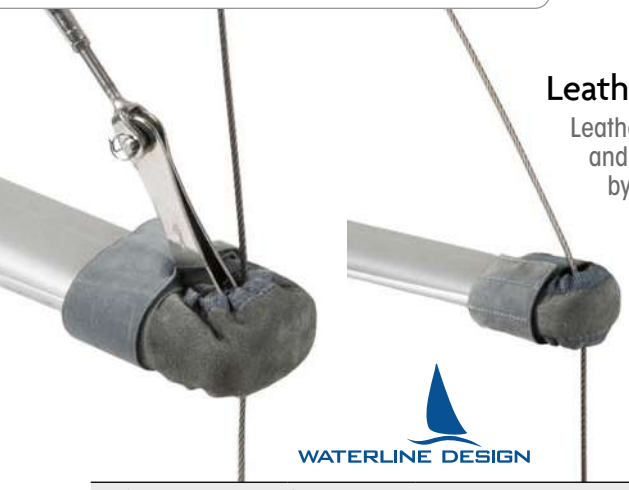
	Description	Reference	406 S	406 T	609 S	609 T	811 S	811 T
Spar package	*1.5 m. Includes : 1 alloy spar, 1 plastic spar, 1 quick-coupling sleeve with screws*	***26901***	✓	-	✓	-	✓	-
	2.15 m. Includes : 1 alloy spar, 1 quick-coupling sleeve with screws	***26902***	-	✓	-	✓	-	✓
Blocks and sheets package	*Includes : 12.50 m pre-stretched sheet Ø 4 mm, ref. 48116 ; 3 blocks ref. 10589 for stanchion Ø 25 mm*	***17069***	✓	✓	-	-	-	-
	Includes : 20 m pre-stretched sheet Ø 6 mm, ref. 51244 ; 4 blocks ref. 10589 for stanchion Ø 25 mm	***17071***	-	-	✓	✓	✓	✓

JIB REEFING SPARE PARTS :
check on www.plastimo.com
to identify the part you are looking for.

Optional extras for Plastimo headsail reefing

	Description	Reference	406-S	406-T	609-S	609-T	811-S	811-T
	Rope pre-feeder	***25884***	-	✓	-	✓	-	✓
	If the angle between the halyard and the spar is inferior to 10°, it is recommended to add :							
	• *for a masthead rig :*							
	Halyard diverter wheel *Prevents the genoa halyard from twisting around the spar.*	***25720***	✓	✓	✓	✓	✓	✓
	• *for a masthead or fractional rig :*							
	St. steel halyard feeder *Fixing plate 42 x 18 mm* *Halyard Ø 12 mm* *Drilling 2 x Ø 4 mm*	***26140***	✓	✓	-	-	-	-
	St. steel halyard feeder *Fixing plate 45 x 45 mm* *Halyard Ø 18 mm* *Drilling 4 x Ø 4.8 mm*	***25677***	-	-	✓	✓	✓	✓

Spreader boots



Leather spreader boots

Leather for great looks and resistance to marine environment, neoprene and rubber for protection : an elegant and efficient way to protect your sails by preventing direct chafing against spreaders and cross-trees.

Suitable for all spreader sizes and shapes, either on foresails or mainsail : a long velcro strap adjusts to any spreader and rig.

Pre-shaped boot with leather outside and neoprene inside for a soft and harmless contact on the rig.

Boot can be installed and removed as often as desired thanks to Velcro strap.

UV-treated grey leather, combined with a textile canvas and a neoprene and rubber cushion layer.

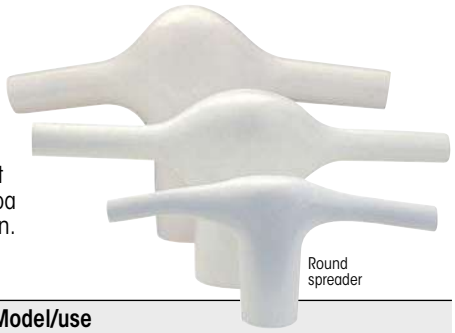
Sold in pairs.

Ref.	Size	Description
2351050	S	For spreader 55-90 mm continuous rig
2351052	M	For spreader 95-122 mm continuous rig / 74-95 mm fractional rig
2351054	L	For spreader 122-154 mm continuous rig / 105-122 mm fractional rig
2351056	XL	For spreader 122-154 mm fractional rig

With / without spreader boot

Spreader boots

White PVC anti-chafe covers.
Protect your sails from chafing at cross trees and help foot of genoa over stanchions when sheeting in.
Easy fitting, even after the mast has been stepped.



Round spreader

For Ø	Ref.	Model/use
4 - 6 mm	**17060**	Flat spreader - 10 x 30 mm
7 - 12 mm	**17061**	Flat spreader - 10 x 30 mm
6 mm	**17062**	Round spreader or stanchion - Ø 28 mm
9 mm	**17063**	Round spreader or stanchion - Ø 30 mm
12 mm	**17064**	Round spreader or stanchion - Ø 50 mm
19 mm	**10633**	Round spreader or stanchion - Ø 53 mm

Spinnaker pole holders

16796

White PVC spinnaker pole brackets.
Set of 2 deck housing brackets.
Size inside shoe : 70 x 90 mm.

Boomstrut

Supports the boom at all times. Prevents accidents when the topping lift is incorrectly set or adjusted.
Safer sail handling in bad weather or when sailing short handed (reefing, raising or lowering mainsail).

Barton MARINE

Spare parts available on Plastimo website www.plastimo.com

Boomstrut

- Lightweight, saves windage aloft. Immediate smooth response. No adjustments needed.
- No requirement for a topping lift ; it provides an additional mainsail halyard.
- Fits all types of mast and boom extrusions, and can be easily shortened by simple cutting with a fine-tooth hacksaw.

Adjusting mainsheet or kicker tackle will cause the rods to flex : Boomstrut is compressed, allowing mainsail to flatten or on the contrary to sail under full sail in light winds.

With no tension on mainsheet or kicker, the rods will support the boom above horizontal level, allowing to ease out the sail if necessary when running in occasional gales.

Boomstrut kit features :
- 2 coated flexible fibreglass rods giving sufficient back pressure to support the boom and mainsail.
- High quality Spectro anodised aluminium mast and boom fittings.
- Stainless steel fastenings.

Operating principle

The 2 fibreglass rods are designed to have enough back pressure to support the weight of both boom and mainsail.

Quality construction

The Boomstrut comes in a complete kit ready to install and utilises your current kicking strap tackle.
No servicing requirements. Carefully constructed to eliminate sharp edges and save damage to sails.

Recommended boat	BOOMSTRUT	Initial rod length, pin-to-pin	Adjustable length	Maximum force	Max. stroke, initial
Max. 6 m (20 ft)	**38203**	96 cm	71 - 96 cm	90 kg	30 cm
6 to 7.5 m (20-24 ft)	**38204**	107 cm	82 - 97 cm	140 kg	30 cm
7.5 to 9 m (24-29 ft)	**38205**	118 cm	93 - 108 cm	185 kg	30 cm
9 to 10.5 m (29-34 ft)	**39506**	132 cm	106 - 121 cm	230 kg	40 cm
10.5 to 12 m (34-39 ft)	**39507**	145 cm	119 - 134 cm	270 kg	40 cm

Single line furling systems

Barton MARINE

Furling systems for use on dinghies, dayboats, small catamarans and light sailing cruisers.
- St. steel ball races ensure smooth, snag free operation under load.
- Drum units manufactured from high quality plastics and st. steel.
- Head swivel manufactured from anodised aluminium.

These units are for furling purposes only and cannot undertake reefing applications.
To obtain a furling gear, you need to order 1 drum + 1 head swivel.

A

B

C

Max. sail area	Description	Ø		Ref.	SWL*	Break load	Weight
6 m²	Furling drum	76 mm	A	**10607**			218 g
10 m²	Furling drum	95 mm	B	**18737**	554 kg	1108 kg	280 g
10 m²	Head swivel	25 mm	C	**10608**			55 g

*Safe Working Load.

Bosun's chairs

MADE BY PLASTIMO

Plastimo ensures your safety at sea and up the mast.
A range of mast chairs designed by Plastimo to guarantee you maximum safety and comfort.

- Seat : wooden board in marine plywood and padded 39 x 18 cm.
- Semi-rigid backrest for maximum safety.
- Hooked by a reinforced strap buckle.

Pro-Confort bosun's chair

68797

No compromise for the Pro-Comfort model which ensures safety and comfort.

Composed of two adjustable straps around the thighs for greater support and safety. Optimum adjustment and fit ensured by 2 lateral straps which allow the wedging and the inclination of the back.

Reinforced back support provided by 2 straps that pass at the top and bottom of the back, ideal for pulling yourself up the mast.

- 220 denier polyester fabric.
- Bucket seat.
- 40 mm wide straps for thighs.
- 45 mm wide straps for the back.
- 2 adjustments of tightening of the thighs.
- 2 seat tilt adjustments.
- MOLLE® system on each side.
- 1 tool bag with gusseted pocket : 52 x 21 x 8 cm. The bag is attached to the chair with 2 straps. This bag is also used to store the chair.
- Maximum load : 150 kg*.

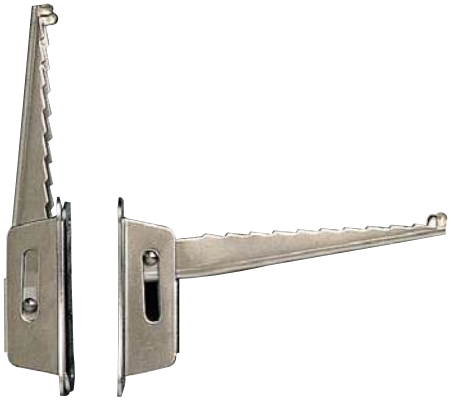
First bosun's chair

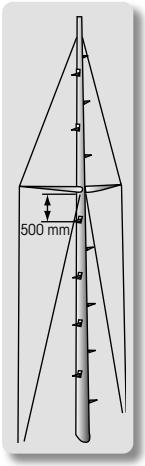
68796

This First model is the perfect answer to a need for practicality. Easy adjustment from the front and a semi-rigid backrest for a safe and efficient ascent.

- 220 denier polyester fabric.
- Ergonomic front adjustment with a sliding belt all around.
- Rigid pocket opening.
- 1 deep pocket : 36 x 20 cm.
- 1 semi-deep pocket for small items : 26 x 20 cm.
- MOLLE® system on one pocket.
- Maximum load of use : 100 kg*.

* Safe working load indicated applies to the weakest element in the chair, i.e. the rigid board.
The board excepted, all the materials used in our chairs can withstand loads from 1000 to 2000 kg.
The figures indicated here are therefore deliberately conservative, in order to ensure your absolute safety even in the unlikely event that the board would break.





Mast step

29446

Low profile hinged mast step, manufactured from brightly polished stainless steel.

The step has a secure and positive action and is rattle free.

The foot area has a toothed surface
and the profile turns up at the outboard end, ensuring a firm and secure grip.

Secure using 4 x 5 mm pop rivets and fit at 50 cm spacing.

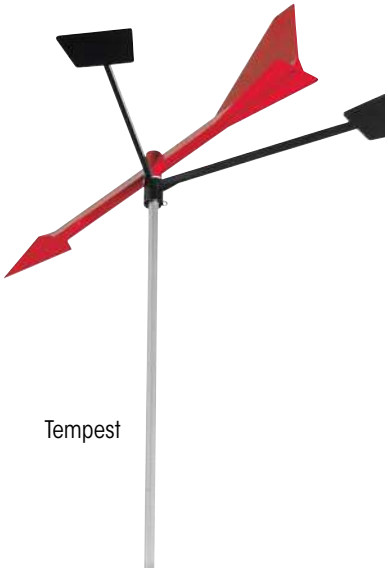
Mast steps should always be used inconjunction with a bosuns chair.
Always put safety first when going aloft.

Mast ascending grip handles

401848

Helps climbing up the mast safely, with no need for assistance from crew down on the deck.
Resistance : 650 kg.
Kit consists of 2 ergonomically shaped grip handles strongly built in stainless steel and aircraft-grade alloy.
For ropes (not included) Ø 8 to 13 mm.

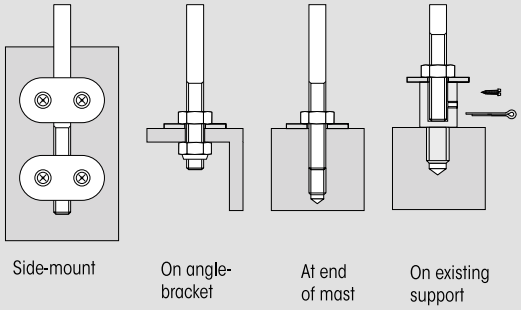
Wind indicators



Tempest

Vireflex

Vireflex : 4 mounting possibilities

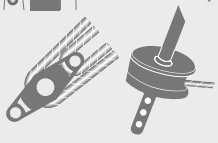


Model	Ref.	Height	Weight	Mounting options	Construction	Rotation system	Adjustment of tacking tabs	Adjustment of fin sensitivity	Night visibility
TEMPEST 12"	**17116**	300 mm	36 g	Lateral, along the mast	ABS and aluminium	Axis	-	-	-
VIREFLEX 15"	**17117**	380 mm	104 g	Lateral or vertical	ABS and aluminium	Sapphire jewel suspension bearings for top sensitivity	Easy : adjustment sketch supplied	Stainless steel slider	Reflecting tapes

Running rigging

Select the right rope according to the use :

Halyards :
low stretch, excellent on self-tailing winches and high strength properties.



Manoeuvring :
good traction resistance for kicker tackles and topping lifts, runners and backstays, reefing and furling lines.

Sheets :
Good shock-resistance, easy grip, optimum hold on winches.

	Recommended use	Break load	Low stretch	Abrasion resistance	Lightweight	Hydro-phobia	Easy to splice
Dyneema® 24	All-rounder rope : mainsail-jib-spinnaker sheets, downhaul, backstays, topping lift, reefing and furling lines.	★★★★★	★★★★★	★★★★★	★★★★★	★★★★★★	★★★★
HMPE (no sheath)	Strengthening running rigging : fixing blocks, runners or backstays. Genoa-mainsail sheets, downhaul. Kitesurf.	★★★★★★	★★★★★★	★★★★★	★★★★★★	★★★★★★	★★★★★★
Hybrid 24	All-rounder rope, ideally suitable for sheets and halyards.	★★★★★	★★★★★	★★★★★★	★★★★	★★★★	★★★★★
Braid 16	All-rounder rope : mainsail and genoa sheets.	★★★	★★★	★★★	★★★	★★	★★★★
16-plait polyester	All-rounder rope : sheets and halyards.	★★★	★★★	★★★	★★★	★★	★
Discontinu 24Fx	Sheets	★★	★★	★★★	★★★	★	★★★

*Dyneema® is a registered trade mark of DSM.

Select the right rope diameter to suit your sail area.

Sail area		10 m²	20 m²	30 m²	40 m²	50 m²	60 m²	80 m²
Halyard	**Dyneema® 24**	Ø 5	Ø 6	Ø 8	Ø 10	Ø 12	Ø 14	Ø 16
	Hybrid 24	Ø 6	Ø 8	Ø 10	Ø 10	Ø 12	Ø 12	Ø 14
	Braid 16	Ø 8	Ø 10	Ø 12	Ø 14	Ø 16	-	-
	16-plait polyester	Ø 8	Ø 10	Ø 12	Ø 14	Ø 16	Ø 18	-
Manœuvring	**Dyneema® 24**	Ø 5	Ø 6	Ø 8	Ø 10	Ø 12	Ø 14	Ø 16
	HMPE (no sheath)	Ø 3	Ø 5	Ø 6	Ø 8	Ø 8	Ø 10	Ø 10
	Hybrid 24	Ø 6	Ø 8	Ø 10	Ø 12	Ø 12	Ø 14	Ø 14
Sheet : genoa & spinnaker or mainsail single line	**Dyneema® 24**	Ø 5	Ø 6	Ø 8	Ø 10	Ø 12	Ø 14	Ø 16
	Hybrid 24	Ø 6	Ø 8	Ø 8	Ø 10	Ø 12	Ø 12	-
	16-plait polyester	Ø 8	Ø 10	Ø 12	Ø 14	Ø 16	Ø 18	-
Sheet : mainsail with purchase system	**Hybrid 24**	Ø 6	Ø 6	Ø 8	Ø 8	Ø 10	Ø 12	Ø 12
	Braid 16	Ø 6	Ø 8	Ø 10	Ø 12	Ø 14	Ø 16	Ø 16
	Matt poly 16	Ø 8	Ø 8	Ø 10	Ø 12	Ø 14	-	-
	Discontinu 24Fx	Ø 8	Ø 10	Ø 12	Ø 14	Ø 14	Ø 16	-
Sheet : spinnaker with light breezer	**Dyneema® 24**	Ø 3	Ø 3	Ø 4	Ø 4	Ø 5	Ø 5	Ø 5
	Hybrid 24	Ø 6	Ø 6	Ø 8	Ø 8	Ø 10	Ø 10	Ø 12
	Braid 16	-	-	Ø 6	Ø 6	Ø 6	Ø 8	Ø 8

Table as a guide only, assuming that ropes are in good condition and used in 35-knot max wind circumstances. Dimensions in mm.

Sleeving a shuttle facilitates the change of halyard. It is also recommended to turn the ropes around in order to displace the chafing sections to increase the longevity.

Resistance

Ropes resistance also depends on :

- Knots : they reduce the resistance by 30 to 50% (20% only for splices).
- Bend axis : choose the blocks adapted to each rope application.
- Abrasion : avoid damaging the rope cover.
- Rope care : rinsing and wintering your ropes will prolong their lifetime.

Rope care

For longer life, rinse out ropes in fresh water and protect from UV rays. It is recommended to machine wash them ("delicate" programme) to remove salt and mouldiness before wintering. To ensure a longer life to your sheets and halyards, store them in a dry place during the winter.

Hybrid 24

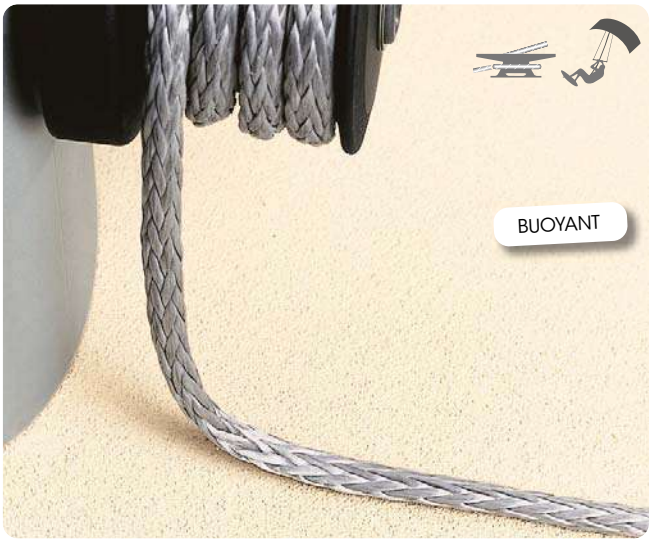
Dyneema® 78 core, in 24-braid hybrid sheath combining polyester and Technora®.
Extremely low creep. Good traction and abrasion resistance, easy to splice. Perfect in clutches and winches.
Ideally suitable for sheets and halyards, downhauls, reefing and furling lines.

Ø mm	Blue/ yellow	Orange/ yellow	Break load	Weight /m	Length
8	**63775**	**63778**	2500 kg	45 g	110 m
10	**63776**	**63779**	3500 kg	68 g	
12	**63777**	**63780**	4990 kg	97 g	

Dyneema® 24

Dyneema® SK75 12-plait core in a 24-plait polyester braid sheath.
Combines high resistance and low stretch.
Hydrophobic and very flexible, easy to splice. Traction and UV-resistant.
Very good all-rounder rope, suitable for mainsail-jib-spinnaker sheets and guys, downhaul, topping lift, backstays and runners, reefing and furling lines.

Ø mm	Red / white	Blue / white	Black / white	Green / white	Break load	Weight /m	Length
6	**63792**	**63784**	**63796**	**63788**	750 kg	26 g	110 m
8	**63793**	**63785**	**63797**	**63789**	2500 kg	41 g	
10	**63794**	**63786**	**63798**	**63790**	3500 kg	64 g	
12	**63795**	**63787**	**63799**	**63791**	4990 kg	95 g	



Grey HMPE

High polyethylene rope with protective coating for better resistance to abrasion.
Lightweight and highly resistant to traction. Very low stretch.
Good UV-resistance. Easy to splice.
Floating and rotproof.
Suitable to strengthen rigging : fixing blocks, runners or backstays.
Recommended for kitesurf.

Ø mm	Grey	Break load	Weight/m	Length
2.5	**70483**	600 kg	3 g	50 m
3	**70484**	920 kg	5 g	50 m
4	**70485**	1175 kg	7 g	50 m
5	**70486**	2100 kg	13 g	50 m
6	**70487**	3000 kg	18 g	25 m
8	**70488**	4900 kg	28 g	25 m

* Dyneema® is a registered trademark of DSM.

Braid 16 solid double braid

Polyester core braid in 16-braid polyester sheath. Solid colour.
Good rope handling, holds well in clutches and winches.
Excellent resistance to UV and abrasion.
Good all-rounder rope for cruising : mainsail-jib-spinnaker sheets, mainsail-jib halyards, spinnaker guy, downhaul, reefing lines, topping lift.

MADE IN FRANCE

Ø mm	Blue	Green	Red	Grey	Beige	Break load	Weight /m	Length
6	**70489**	**70490**	**70491**	**70492**	**70493**	650 kg	28 g	220 m
8	**63806**	**63807**	**63808**	**63809**	**70494**	1200 kg	48 g	110 m
10	**51269**	**51270**	**51271**	**63810**	**70495**	2000 kg	75 g	110 m
12	**51273**	**51274**	**51275**	**63811**	**70496**	2350 kg	99 g	110 m
14	**51277**	**51278**	**51279**	**63812**	**70497**	2950 kg	135 g	110 m
16	**70498**	**70499**	**70500**	**70501**	**70502**	3950 kg	198 g	110 m

Braid 16 double braid

MADE IN FRANCE

Polyester core braid in 16-braid polyester sheath. White + colour fleck.
Good rope handling, holds well in clutches and winches.
Excellent resistance to UV and abrasion.
Good all-rounder rope for cruising : mainsail-jib-spinnaker sheets, mainsail-jib halyards, spinnaker guy, downhaul, reefing lines, topping lift.

Ø mm	Blue	Green	Red	Grey	Break load	Weight /m	Length
6	**51241**	**51242**	**51243**	**63813**	650 kg	28 g	220 m
8	**63814**	**63815**	**63816**	**63817**	1200 kg	48 g	110 m
10	**63818**	**63819**	**63820**	**63821**	2000 kg	75 g	110 m
12	**63822**	**63823**	**63824**	**63825**	2350 kg	99 g	110 m
14	**63826**	**63827**	**63828**	**63829**	2950 kg	135 g	110 m
16	**51261**	**51262**	**51263**	**63833**	3950 kg	198 g	110 m

16-plait polyester with parallel core

MADE IN FRANCE

PLASTIMO

Parallel core in a 16-plait polyester sheath.
Parallel core guarantees a low stretch index while the 16-plait sheath provides a good abrasion resistance.
Suitable for sheets, halyards and guys. Not spliceable.

Ø mm	Red	Green	Blue	Black	Break load	Weight /m	Length
6	**70505**	**70504**	**70503**	**70506**	610 kg	28 g	220 m
8	**64489**	**64484**	**64479**	**64474**	1100 kg	48 g	110 m
10	**64490**	**64485**	**64480**	**64475**	1800 kg	68 g	110 m
12	**64491**	**64486**	**64481**	**64476**	2450 kg	98 g	110 m
14	**64492**	**64487**	**64482**	**64477**	3400 kg	141 g	110 m

Ropes for dinghies

Polyester dinghy rope

MADE IN FRANCE

PLASTIMO

Braided polyester core with polyester cover. Ideal for dinghy use: sheets and manoeuvring. Very easy to splice.

Ø mm	Blue /yellow	Yellow /blue	Red /white	White /red	Break load	Weight /m	Length
3	**48110**	**48111**	**48112**	**48109**	220 kg	9 g	100 m
4	**48115**	**48116**	**48117**	**48114**	340 kg	14 g	
5	**48120**	**48121**	**48122**	**48119**	440 kg	19 g	
6	**48125**	**48126**	**48127**	**48124**	610 kg	28 g	

Discontinuous polyester 24 spindles

MADE IN FRANCE PLASTIMO

16-plait polyester braid with 32-plait discontinuous polyester cover. Very flexible rope : works particularly well for sheets. Comfortable handling, soft touch, holds well in self-tailing and winches. Good UV resistance.

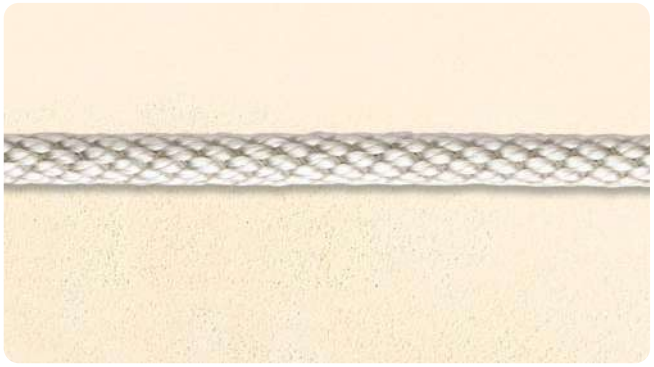
Ø mm	Blue	Red	Gold	Black	Break load	Weight /m	Length
6	**51330**	**51332**	**51331**	**51329**	410 kg	19 g	220 m
8	**51335**	**51337**	**51336**	**51334**	1100 kg	40 g	
10	**51340**	**51342**	**51341**	**51339**	1500 kg	69 g	110 m
12	**51345**	**51347**	**51346**	**51344**	1850 kg	105 g	
14	**51350**	**51352**	**51351**	**51349**	2950 kg	120 g	

Hemp style polypropylene

MADE IN FRANCE PLASTIMO

3-strand rope made of synthetic fibre, which looks and feels like traditional hemp rope. Excellent breaking load and resistance to abrasion. Low stretch, easy to splice.

Ø mm	Reference	Break load	Weight/m	Length
8	**14118**	650 kg	30 g	100 m
10	**14119**	1000 kg	45 g	
12	**14120**	1350 kg	64 g	
14	**14121**	1550 kg	25 g	
16	**14122**	2000 kg	110 g	

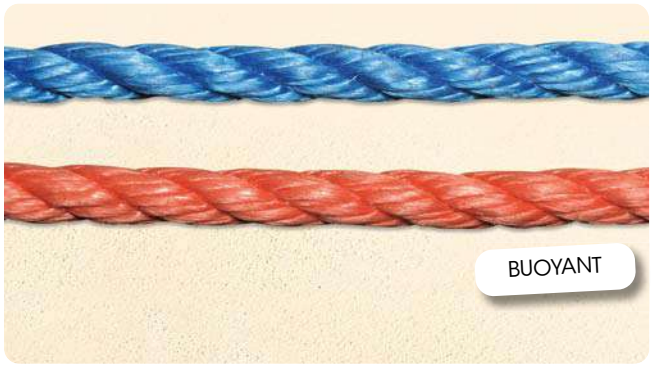


Heli multi-purpose braid

MADE IN FRANCE

Heli white helical polyester braid, density 1.38, multifilament, high tenacity, 12-plait.

Ø mm	White	Break load	Weight/ 100 m	Length
2.5	**403819**	75 kg	0.37 kg	100 m
3	**403822**	120 kg	0.58 kg	
4	**403823**	190 kg	1.00 kg	
5	**405120**	320 kg	1.55 kg	
6	**403825**	370 kg	1.90 kg	
8	**405122**	590 kg	3.60 kg	
10	**405123**	900 kg	5.80 kg	
12	**405124**	1200 kg	9.00 kg	



4-strand floating polypropylene

MADE IN FRANCE

Recommended for fish-farming pots.

Ø mm	Blue	Orange	Break load	Weight/ 100 m	Length
8	**414539**	**414178**	940 kg	3 kg	220 m
10	**414540**	**414179**	1400 kg	4.5 kg	
12	**414541**	**414180**	1990 kg	6.5 kg	

Whipping twine

High strength, multifibre synthetic thread.

Material	Ø mm	Black	White	Blue	Weight	Length
Waxed polyester braid **A**	1	-	**48261**	**48262**	20 g	30 m
Waxed polyester braid **B**	1	**405357**	**405200**	-	90 g	110 m
Waxed polyester braid **B**	1.2	**405400**	**405197**	-	120 g	83 m
	1.9	-	**405198**	-	240 g	41 m
Polyester cable **B**	0.82	-	**405199**	-	160 g	63 m

Special ropes & accessories

Lanyard

Polyester lanyard

100% polyester lanyard indispensable on board.

Ø	Blue/ yellow	Red/ yellow	Yellow/ green	Break load	Weight/m	Length
2 mm	**42865**	**42864**	**42866**	90 kg	2.8 g	100 m
3 mm	**42868**	**42867**	**42869**	220 kg	8.9 g	

MADE IN FRANCE

PLASTIMO

Lanyard

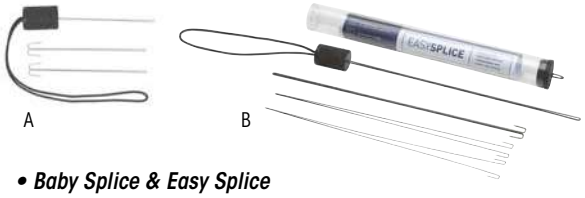
8-plait polyamide (Nylon), very flexible and highly resistant to traction. Suitable for lanyards, netting, dinghy use, etc.

Ø	Ref.	Break load	Weight	Length
2 mm	**16995**	90 kg	2 g	200 m
2.5 mm	**16996**	130 kg	4 g	200 m
3 mm	**16997**	270 kg	6 g	200 m
4 mm	**16998**	300 kg	10 g	200 m
5 mm	**70507**	350 kg	15 g	100 m
6 mm	**70508**	450 kg	20 g	100 m

Accessories

- ***Cutting and soldering iron***
  409075
  220 V – Heat up time 6 sec.
  - Indicator lights. Isolation II.
  Weight 1kg : 60 W
- ***Spares Knife***
  409076
  For rope, sail, strap and synthetic fabric - Suitable for 409075.

- ***Metric counter***
  427352
  Metric counter, suits all rope diameters. Includes re-set feature.



- ***Baby Splice & Easy Splice***
  A balanced and lightweight tool that enables faster and easier rope splicing on small lines.
  Simple to use and totally safe handling.

	Réf.	Model	Includes	Max. rope Ø
A	**67726**	Baby Splice	Hand tool + 3 needles	4 mm
B	**67725**	Easy Splice	Hand tool + 4 needles	3 mm

- ***Line Tamer™***
  Black : 53447
  White : 53983

Barton MARINE

A simple and unique cleat designed to enable halyard tails and control lines to be stowed neatly, ready for use and helping prevent snags.
- *Keeps your cockpit tidy and safe.*
- *Simple and quick to use : just coil the line, loop through the Line Tamer and hang on the hook.*
- *Use in lockers to stow mooring lines neatly and ready for use.*
- *Easy fit with a single Ø 4 mm screw supplied.*
- *Can be used to stow or hang a multitude of items.*
- *Length 73 mm, width 30 mm, depth 13 mm.*

Shock cords

Extend the shock cord with care, if it whips back out of control it may cause serious injury. Do not stretch it to more than 75% of the length at rest. Do not stretch the shock cord towards your face.

Coated rubber shock cord

Rubber shock cord in a plaited sheath (polyester or polyethylene monotex).

Description	Ø	Length of reel	Ref.
White polyester coating	6 mm	50 m	**17110**
	10 mm	25 m	**17111**
White-blue polyethylene monotex coating	4 mm	50 m	**27515**
	6 mm	50 m	**27516**
	8 mm	25 m	**27517**

Polyester coated shock cord

UV resistant polyester sheath, 100 m reel.

Ø	Black	White, blue thread	White, black thread
3 mm	-	-	**423172**
4 mm	**418516**	**412794**	**423185**
5 mm	**418537**	-	**423171**
6 mm	**418517**	**403728**	**423186**
8 mm	**418519**	**403729**	**423187**
10 mm	**418520**	**403730**	**423188**

Self-locking shock cord

With nylon hook.

Ø	Length	Ref.	Colour	
5 mm	50 cm	**423193**	Black	10
	60 cm	**408103**	Red	10
6 mm	70 cm	**423194**	Black	10
8 mm	80 cm	**408104**	Red	10
	100 cm	**418194**		

Shock cord with toggle

White shock cord with black thread, white nylon toggle. Ideal for furling sails.

Ø	Length	Ref.	
6 mm	35 cm	**423165**	10
	55 cm	**423166**	10
8 mm	75 cm	**423167**	10

Shock cord with plastic balls

White elastic shock cord in polyester or polyethylene. 2 plastic balls.

Description	Ø	Length	Ref.	
Monotex polyethylene	3.5 mm	30 cm	**27511**	5
		40 cm	**27512**	5
		50 cm	**27513**	5
Polyester	4 mm	50 cm	**12520**	5
		30 cm	**17103**	5

Shock cord with nylon hooks

White shock cord with black thread. 2 black nylon hooks.

Ø	Length	Ref.	
4 mm	20 cm	**417333**	10
	30 cm	**417336**	10
6 mm	30 cm	**417341**	10
	50 cm	**417337**	10
8 mm	50 cm	**417342**	10
10 mm	100 cm	**417344**	5

Shock cord with st. steel hooks

White polyester shock cord with black thread. 304 stainless steel hooks.

Ø	Length	Ref.	
6 mm	30 cm	**423168**	10
8 mm	50 cm	**423169**	10
	80 cm	**423170**	10
	100 cm	**423189**	5
10 mm	40 cm	**412892**	10
	60 cm	**403723**	10
	80 cm	**403724**	10
	120 cm	**403726**	10

Accessories

St. steel clips for shock cords

Easily and permanently replace heat sealing and whipping.

Ø	Ref.	
6 mm	***414708***	*100*
8 mm	***417667***	
10 mm	***414589***	*50*

Clamp for st. steel clips

414709

Used to close the clips on the shock cords before fixing the hooks.

St. steel hook

Ø	Ref.	
6 mm	***414707***	*10*
8 mm	***403731***	*10*
10 mm	***412793***	*10*

Sail repair and seamanship

Sailmaker's palm

- Righthanded : **404057**
- Lefthanded : **404064**

Sails repair kit

473850

Contents

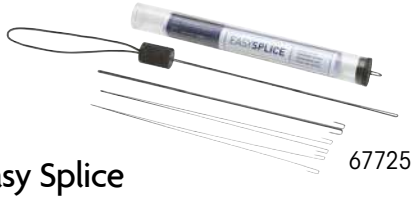
- Sails needle AV15 : 2
- Sails needle AV16 : 2
- Sails needle AV17 : 2
- Coil sticky thread 1.5 mm : 50 g
- Coil sewing thread 35 g : 1
- Right sailmaker palm : 1
- Strap width 30 mm : 2 m
- Strap straight-thread : 100 x 275 mm

St. steel splicing spike

Large 280 mm : 16976
Small 170 mm : 30391

Polished stainless steel spike, with wooden handle.

67726



67725

Baby Splice & Easy Splice

A balanced and lightweight tool that enables faster and easier rope splicing on small lines.
Simple to use and totally safe handling.

Barton MARINE

Ref.	Model	Includes	Max. rope Ø
67726	Baby Splice	Hand tool + 3 needles	4 mm
67725	Easy Splice	Hand tool + 4 needles	5 mm

Needles

- 4 straight + 1 curved : **415456**
- 5 straight n° 3 to 7 : **417763**

MAC COLTELLERIE

Knives

With rigid serrated blade for rope and net cutting.

36087

St. steel Clipper knife.
Shackle key, splicing spike and bottle opener.
Length/blade length : 18.5/7.5 cm.
Weight : 140 g.

36088

Shackle key, spike, bottle opener.
Length/blade length : 18.5/8.5 cm.
Weight : 100 g.

PLASTIMO

Safe black multi-tool

67425

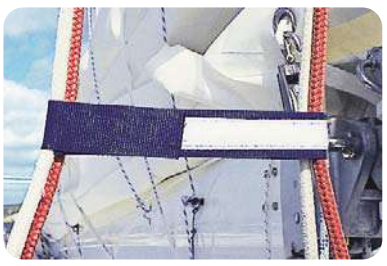
Black anodized aluminum multi-tool knife (18 tools) with safety locking : plain blade, serrated blade, saw, pliers, file, spike, bottle opener, can opener. Comes with 3 sizes flat screwdriver, 3 sizes Phillips screwdriver, 3 sizes allen keys.

Sail furling

Furling straps

Self-gripping straps used for furling sails on the boom or the ropes.
Wide 40 mm straps, easy to fasten and unfasten.

Available in 4 sizes and colours, they adapt to all your needs.
Strong polypropylene straps and UV-resistant polyester thread.



Ref.	Description
42664	4 yellow straps 0.60 m
42665	4 red straps 0.90 m
42666	4 blue straps 1.20 m
42667	4 grey straps 1.50 m
42668	4 assorted straps : 0.60 - 0.90 - 1.20 - 1.50 m

Covers and awnings

- Stylish acrylic Dralon, colourfast : cosiness, lightweight and good looks that only a canvas fabric can offer. Dralon canvas "breathes", which helps avoiding condensation and mildew. Impervious to UV-rays. Mildew and water treated (Scotchguard), easy to wash in soapy water. Weight : 320 g/m².
- PVC, 550 decitex, coated on both sides and UV-treated. White colour reduces heat absorption. Waterproof ; minimum maintenance, simply with sponge and soap. Weight : 350 g/m². Both versions are sewn with heavy polyester thread. Stainless steel sailmaker grommets and marine grade zips.

Mainsail covers

Quick fastening of flaps with straps and buckles.
Securing under the boom with shock cord and plastic hooks.
Supplied with storage pocket, 100% polyester, with lanyard closure.

Boom's length	Max height along mast	Dralon, royal blue	PVC, white
2.30 m	1.05 m	**37966**	**37976**
2.50 m	1.05 m	**37967**	**37977**
2.75 m	1.20 m	**37968**	**37978**
3.00 m	1.20 m	**37969**	-
3.25 m	1.29 m	**37970**	-
3.55 m	1.29 m	**37971**	-
3.85 m	1.29 m	**37972**	-
4.15 m	1.45 m	**37973**	-
4.45 m	1.47 m	**37974**	-
4.75 m	1.50 m	**37975**	-

Cockpit awnings

Features a slit for the topping-lift, with double slider zip.
Attachment to guardrail thanks to stainless steel grommets.
Supplied with storage pocket, 100% polyester, with lanyard closure.

Length	Width	Dralon, royal blue	PVC, white
2.60 m	2 x 1.15 m	**37955**	**37959**
3.10 m	2 x 1.45 m	**37956**	**37960**
3.45 m	2 x 1.80 m	**37957**	**37961**

Hull protection

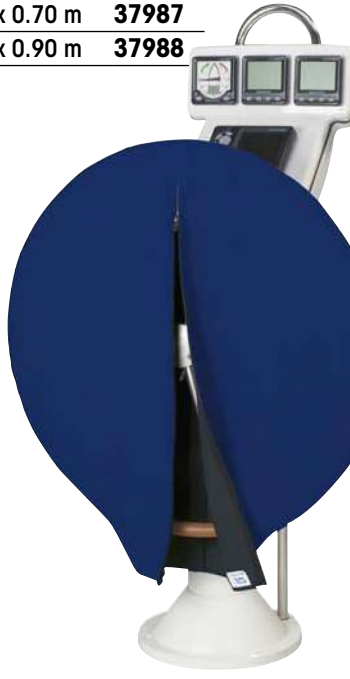
For extra protection of the hull.
Made from white PVC material, 550 decitex, coated on both sides, UV-ray resistant and waterproof.
Weight : 350 g/m².
Supplied in pairs, ready for use.

Dimensions	Ref.
2 m x 0.50 m	**37986**
3 m x 0.70 m	**37987**
4 m x 0.90 m	**37988**

Halyard stowage bags

PVC or Dralon, mesh canvas, batten and grommets.

Dimensions	PVC, white	Dralon, Royal blue
30 x 20 x 10 cm	**37992**	**37989**
35 x 25 x 12 cm	**37993**	**37990**
45 x 30 x 15 cm	**37994**	**37991**



Steering wheel cover

Protects the steering wheel against external assaults. Dralon brings cosiness and lightweight. It is breathable to ensure perfect ventilation and avoid condensation or mildew. Impervious to UV-rays, mildew and water treated (Scotchguard). Easy to wash in soapy water.

Diameter	Dralon, royal blue
830 mm	**56954**
930 mm	**56955**

Sail & canvas fasteners

Chromed brass grommets

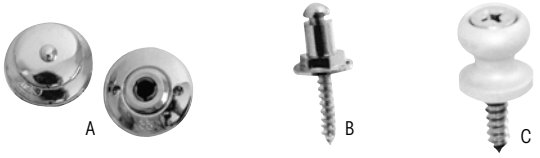
Description	Ref.	Ø	
Grommet + washer (x 10)	**18228**	10 mm	10
	18229	14 mm	10

Polyamide grommets

	Description	White	Ø	
A	Grommet + washer (x 12)	**413362**	14 mm	12
B	Grommet with screw cap*	**44914**	3.5 mm	100

*screw not included

Snap fasteners

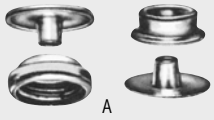


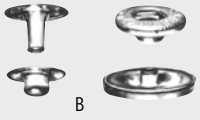
	Ref.	Description	
A	**426328**	Socket for top part, st. steel. Max. 1.8 mm (metal) or 2.5 mm (fabric). For long or short head.	10
B	**426329**	Screw-type stud with tapping screw Ø 3 x 12 mm. St.steel.	10
C	**419184**	Anodised aluminium screw-type stud + st.steel self-tapping screw Ø 39 x 25 mm.	10

Twist-stud

18227

4 chromed brass twist-studs with clinch-plate.
Dimensions 8 x 28 mm.





Press-studs

Nickel-plated brass. Ø 15 mm.

	Ref.	Description
A	**405366**	10 stud fasteners with tool. Sport model.
	405387	Refill, 10 press-studs, Sport.
B	**405389**	10 stud fasteners with tool. Yachting model.

Crimping pliers

419671

For press-studs.
Length 20 cm.

Fastener kits

	Ref.	Description
A	**18230**	Self-cutting Tenax stud.
B	**18231**	Screw-fit stud (x 10).
C	**18232**	Push-fit stud studs (x 10).
	404991	Kit 30 grommets Ø 8 + setting tool.
D	**404985**	Kit 15 grommets Ø 11 + setting tool.
	405365	Kit 10 grommets Ø 14 + setting tool.

Star brite

Sail & canvas cleaner

0.5 L bottle : 184085

- Biodegradable.
- Cleans and brightens whites and colours.
- Concentrated formula : removes dirt, grease and mildew stains.
- Great for boat covers, bimini tops and sails.
- Does not weaken fabric or thread.
- Also cleans nylon or dacron sails.

Boat cover cleaner

1 L spray : 65608

- Removes dirt and stains from boat covers, sail covers, bimini tops, tarps and T-tops.
- Safe for all fabrics.

Boat cover cleaner

650 ml spray : 65610

- For boat covers, bimini tops, sail covers, clothing and tents.
- Safe for all fabrics : does not alter the colour or feel of the fabric.

* PTEF® is Starbrite®'s registered trademark name for polytetrafluoroethylene.

Webbing and buckles

Webbing

A

B

Description		Colour	Réf.	Width	Length	Resistance
Polyamide	A	Black	**44271**	30 mm	100 m	365 kg
			44291	50 mm	50 m	1020 kg
		White	**44269**	30 mm	100 m	365 kg
		Blue	**44270**	30 mm	100	365 kg
Polyester	B	Navy blue	**17106**	30 mm	50 m	1400 kg
			17107	40 mm	50 m	1600 kg
			17108	50 mm	50 m	2100 kg
		Off-white	**419434**	20 mm	100 m	1000 kg
			412922	25 mm	100 m	1250 kg
			403445	50 mm	100 m	2100 kg

Webbing snap hooks

A

B

Material		For webbing	Ref.	Length	
Chrome bronze	A	28 mm (max. thickn. 8 mm)	**400629**	55 mm	10
	B	22 mm (max. thickn. 5 mm)	**400641**	62 mm	10

Webbing snap hooks

316 L.
stainless steel.

A

B

10

Wichard

For webbing		Ref.	Length	Ø A	Stock Ø	SWL	Breaking load
30 mm	A	**403788**	60 mm	8 mm	-	60 kg	300 kg
40 mm	B	**414316**	80 mm	13 mm	8 mm	240 kg	1200 kg

Stainless steel bar buckles

A

B

C

	Ref.	For webbing	Description	
A	**16941**	40 mm	Non-slip bar	2
	16942	50 mm		2
B	**412947**	30 mm	Auto-locking sliding bar	2
	412949	50 mm		2
C	**412950**	25 mm	Non-slip sliding bar	10

Cam buckles

A

B

C

D

Material		Colour	Ref.	For webbing	Width	Length	
Plastic	A	White	**43871**	30 mm	34 mm	35 mm	10
		Black	**43872**	30 mm	34 mm	35 mm	10
	B	White	**43865**	30 mm	34 mm	35 mm	10
		Black	**43866**	30 mm	34 mm	35 mm	10
	C	Black	**43858**	50 mm	62 mm	84 mm	10
Stainless steel	D	-	**43857**	50 mm	54 mm	74 mm	5

Other buckles & triangles

A

B

Material		Model	For webbing	Ref.	Stock Ø	Breakload	
Stainless steel	A	Triangle	30 mm	**408141**	4 mm	-	10
			40 mm	**13664**	6 mm	1000 kg	2
			50 mm	**29460**	6 mm	1000 kg	5
	B	Triangle + bar	40 mm	**13665**	6 mm	1000 kg	2
			50 mm	**29461**	6 mm	1000 kg	5

Small hooks

Small polyamide hooks

A

B

C

D

Model	For rope Ø		Ref.	Colour	Length	Width between holes	
Awning hook	Rope or shock cord 8 mm max.	-	**44015**	White	L 40 x H 40 mm	-	10
		A	**44016**	Grey		-	10
Spinnaker hook	Sheet 6 mm max.	B	**16679**	Black	L 55 x H 17 mm	42 mm	5
Multi-purpose	Rope or shock cord 4 mm max.	C	**16680**	Black	Length 30 mm	20 mm	3 (x4)
Multi-purpose	Rope 6 mm max. Shock	-	**43982**	White	Length 30 mm	20 mm	20
Multi-purpose	Rope 4 mm max. Shock cord 6/8 mm max.	-	**43988**	White	Length 40 mm	30 mm	10
		D	**43989**	Black			5

Snap hooks & shackles

Polyamide shackle

Description	Ref.	Colour	Ø	SWL
Sail slide hank, suitable to attach to sail sliders.	**16764** (x2)	White	6 mm	80 kg
Shackle suitable for uses with low constraints.	**16676** (x2)	Black	6 mm	80 kg

A B

C D

E F

Snap hook with eye

Polyamide, suitable for lightweight use only.

For shock cord Ø		Ref.	Colour	Length	Ø Eye	
4 mm	A	**44028**	White	42 mm	10 mm	10
	B	**44029**	Black			10
6 mm	C	**44034**	White	49 mm	10 mm	10
	D	**44035**	Black			10
8 mm	E	**44040**	White	58 mm	12 mm	10
	F	**44041**	Black			10

Cleats

A

B

C

D

Open aluminium cleats

	Description	Ref.	Rope Ø	Length x width	Weight	Hole spacing	Ø Screws
A	Racing Mini CL222, aluminium	**16888**	3 - 6 mm	48 x 15 mm	15 g	36 mm	4 mm
B	Racing Mini CL254, aluminium	**14110**	4 - 8 mm	70 x 19 mm	38 g	55 mm	5 mm
C	Racing vertical CL219, aluminium	**16885**	6 - 12 mm	90 x 27 mm	70 g	72 mm	8 mm
D	Racing major CL220, aluminium	**16886**	12 - 16 mm	118 x 37 mm	163 g	95 mm	8 mm

A

B

C

D

Open polyamide cleats

	Description	Ref.	Rope Ø	Length x width	Weight	Hole spacing	Ø Screws
A	Mini CL204, black polyamide	**16858**	3 - 6 mm	57 x 17 mm	9 g	36 mm	4 mm
B	Mini CL209, black polyamide	**16862**	4 - 8 mm	73 x 19 mm	20 g	55 mm	5 mm
C	Vertical CL201, black polyamide	**51072** **16860**	6 - 12 mm 6 - 10 mm	95 x 28 mm 108 x 25 mm	43 g 47 g	72 mm 84 mm	6 mm
D	Major CL205, black polyamide	**16861**	10 - 16 mm	122 x 36 mm	85 g	95 mm	8 mm

Open cleat, side-fixing

16880

Mini CL 215 black polyamide
- Rope Ø : 4-8 mm.
- Lenght x width : 38 x 43 mm.
- Weight : 14 g.
- Hole spacing : 27 mm.
- Ø screws : 5 mm.

Tubular cleat

Black nylon.
- Ø 6 mm, length 55 mm : **46539**
- Ø 13 mm, length 80 mm : **181280**

St. steel “V” cleat

13703

Dimensions 50 x 12.5 mm.
For rope Ø 6 mm max.

Clamcleat® Rope cleats

Auto-release cleat

26275

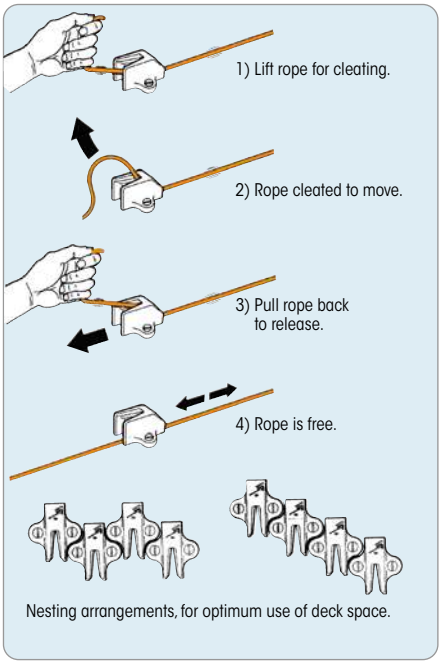
CL257 : for rope Ø 4-6 mm.
The cleat locks rudder downhaul ropes securely, and will flip up automatically to release the rope if the blade hits an obstacle or the bottom. No parts to lose and nothing to replace ; easy to reset or adjust for different loads, even out on the water.
The release load is easily adjusted with a cross-head screwdriver, from 20 kg (minimum setting) to 240 kg (maximum setting).

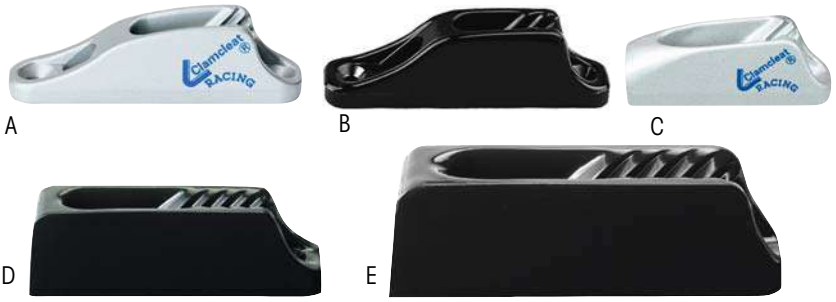
- Acetal moulded base, shaped to fit all tillers.
- Mounting in any position, with pop rivets, wood or machine screws.
- Cleat is cast in aluminium, to handle high loads without deforming or distorting.

Omega cleat

26276

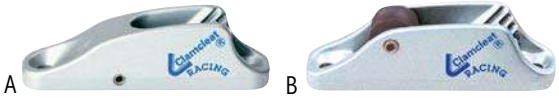
CL255 : for rope Ø 3-6 mm.
Versatile cleat : ideal for deck ropes, equally suitable for mast or boom.

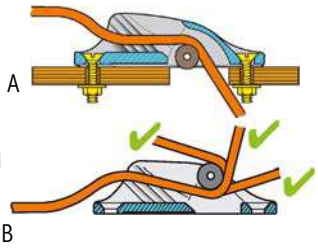




Fairlead cleats

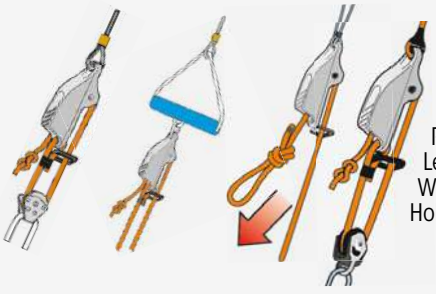
Description		Ref.	Rope Ø mm	Length x width mm	Weight	Hole spacing mm	Ø Screws mm	
Racing junior MK1 CL211, aluminium	A	**16887**	3 - 6	82 x 18	34 g	66	5	10
Junior CL203 polyamide noir	B	**16859**	3 - 6	82 x 18	17 g	66	4	5
Racing Junior MK2 CL211, aluminium	C	**16882**	3 - 6	55 x 17	23 g	27	4	10
Midi CL231, black polyamide	D	**16893**	4 - 8	88 x 22	30 g	55	5	10
Vertical CL228, black polyamide	E	**16892**	6 - 12	114 x 30	68 g	72	6	1





Roller cleats

Description		Ref.	Rope Ø mm	Length x width mm	Weight	Hole spacing mm	Ø Screws mm
Racing CL230, aluminium, low roller (through deck/ through mast mounting)	A	**16889**	3 - 6	82 x 18	35 g	66	5
Racing CL236, aluminium, top roller (on deck/along mast mounting)	B	**14111**	3 - 6	82 x 18	37 g	66	5



Trapeze, vang & kitesurf cleat

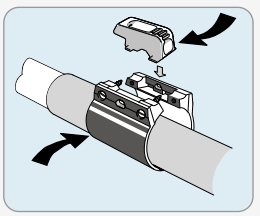
11720

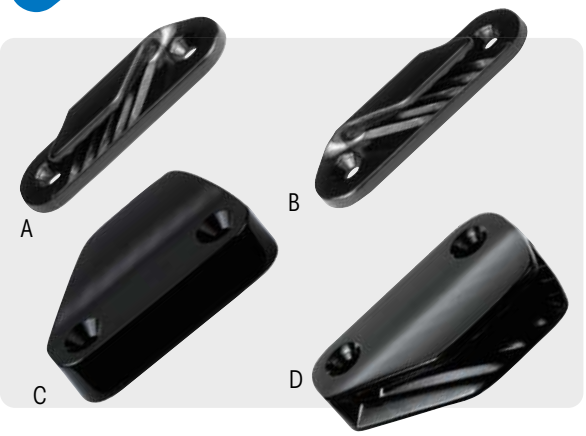
CL253, aluminium.
Rope Ø 4 - 8 mm.
Length x width : 89 x 18 mm.
Weight : 46 g.
Hole spacing : 70 mm.

Windsurf or boom cleat

37753

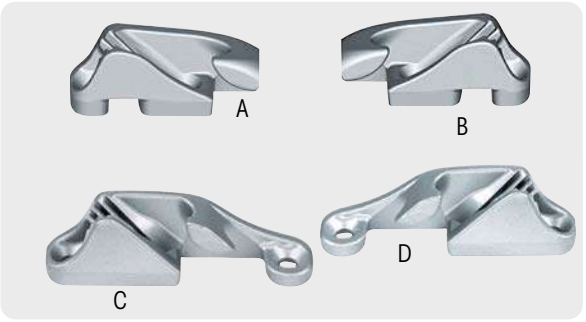
CL244 : alumium cleat supplied with boom rubber clamp. Rope Ø 3 - 6 mm.
Length x width : 58 x 35 mm.
Weight : 32 g.





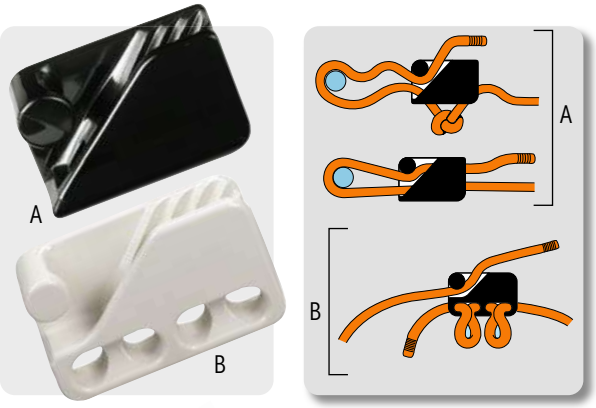
Lateral cleats

Description	Ref.	Rope Ø mm	Length x width mm	Weight	Hole spacing mm	Ø Screws mm	
A. CL213 fine line starboard, polyamide	**16876**	2 - 5	70 x 21	9 g	49	4	10
B. CL214 fine line port, polyamide	**16877**	2 - 5	70 x 21	9 g	49	4	10
C. Lateral starboard CL206, black polyamide	**16879**	6 - 10	75 x 49	35 g	51	6	10
D. Lateral port CL207, black polyamide	**16878**	6 - 10	75 x 49	35 g	51	6	10



Vertical cleats with side entry

Description	Ref.	Rope Ø mm	Length x width mm	Weight	Hole spacing mm	Ø Screws mm	
A. Racing MK2 CL217, aluminium, starboard	**16883**	3 - 6	55 x 17	21 g	27	4	10
B. Racing MK2 CL218, aluminium, port	**16884**	3 - 6	55 x 17	21 g	27	4	10
C. Racing MK1 CL217, aluminium, starboard	**16895**	3 - 6	82 x 18	30 g	66	5	10
D. Racing MK1 CL218, aluminium, port	**16896**	3 - 6	82 x 18	30 g	66	5	10



Loop cleats

Description	Ref.	Rope Ø mm	Length x width mm	Weight	
A. Loop cleat CL223, black polyamide	**16857**	3 - 6	52 x 18	18 g	10
Loop cleat CL223, white polyamide	**14087**	3 - 6	52 x 18	18 g	1
B. Fender/large loop cleat CL234, black polyamide	**16856**	6 - 12	78 x 24	45 g	1
Fender/large loop cleat CL234, white polyamide	**14088**	6 - 12	78 x 24	45 g	1

Racing cleat with becket CL704

11721

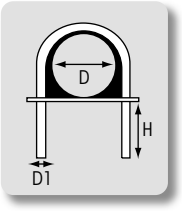
Aluminium. For rope 3 - 6 mm. Dimensions : 82 x 18 mm.
Weight : 33 g. Hole spacing : 66 mm. Screw dia. : 5 mm.

Grip cleats

Ideal for tensioning halyards or catamaran net.

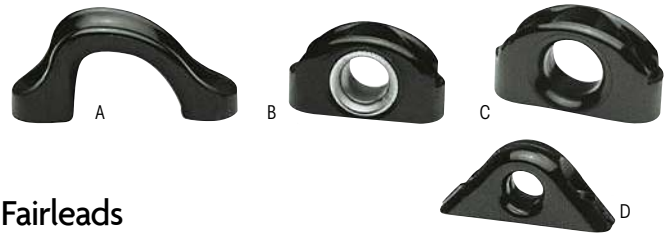
Description	Ref.	Rope Ø mm	Length x width mm	Weight
A. CL261 single-handed grip, aluminium	**37754**	3 - 6	95 x 17	52 g
B. CL262 two-handed grip, aluminium	**37755**	3 - 6	198 x 17	70 g

Fairleads



St. steel bullseyes

	Ref.	Height (H)	Ø D1	Ø D
A	**46424**	-	5 mm	16 mm maxi.
B	**46422**	35 mm	6 mm	



Fairleads

	Black	Ø Max. rope	Overall dimensions Width x height	Hole spacing	
A	**16684**	18 mm	65 x 28 mm	45 mm	5 (x2)
B	**16800***	12 mm	41 x 23 mm	30 mm	5
	16801*	16 mm	55 x 30 mm	40 mm	5
C	**16685**	13 mm	41 x 23 mm	30 mm	5
	16686	17 mm	55 x 30 mm	40 mm	10
D	**16681**	7 mm	35 x 15 mm	19 mm	3 (x4)

*Models with ferrule can be used to lead wire.

Bullseye swivel with cam

181225

Bullseye and cleat on stainless steel swivelling plate.
For mainsheet Ø 12 mm max.
Plate Ø 58 mm.
Ø 5 mm screws.
Weight 217 g.

Stanchion bullseye

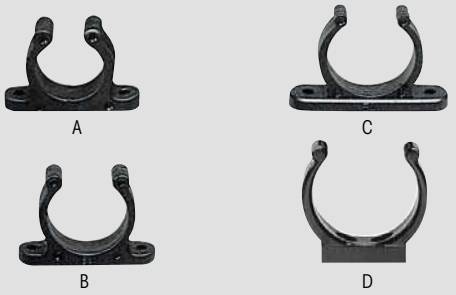
29495

Ideal for use with furling lines (Ø 17 mm max).
Designed to fit over stanchions and rails, with diameter 20 to 25 mm.
Sturdy construction : stainless steel.
Supplied complete with fastenings.

Blocks

Small polyamide blocks

	Ref.	Description	Colour	Break load
A	**16825**	For dinghies up to 4 m. Rope Ø 8 mm maxi.	Black	160 kg
B	**16826**	White, for flag halyard Ø 4 mm.	White	160 kg



Multi-purpose polyamide clips

	Ø	Black	White	
	15 mm	**45192**	**45191**	10
A	20 mm	**45198**	**45197**	10
	25 mm	**45204**	**45203**	10
	30 mm	**45210**	**45209**	10
B	35 mm	**45216**	**45215**	10
	40 mm	**45236**	**45235**	10
C	45 mm	**45242**	**45241**	10
D	50 mm	**16707**	–	5 (x2)

Deck bushing

Mini-deck bushing

16682

Flared top and bottom for easy running of control lines.
Max. line Ø 7 mm.
To be press-fitted in a 10 mm Ø hole.
Total height : 15 mm.

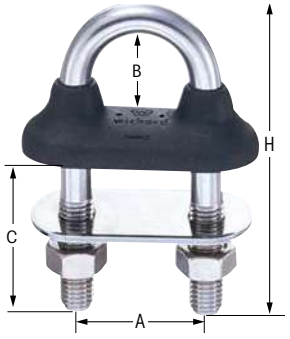
Angle deck bushing

16683

Designed to lead the trapeze control lines.
Max. line Ø 7 mm.

U-bolts

Dimensions in mm.

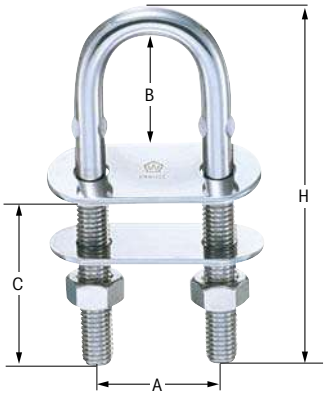


Watertight U-bolt

- Forged in 316 L stainless steel.
- UV-resistant black rubber collar ensuring a perfect watertightness.
- Stylish design on the deck.
- Nuts and counterplate included.
- Registered design - Made in France.

Stock Ø	Ref.	A	B	C	H	SWL*	Breakload	Tightening	
5	**470033**	28	21	30	60	400 kg	2000 kg	4.5 Nm	10
6	**410181**	32	24	35	70	600 kg	3000 kg	7.5 Nm	10
	410188			55	90				
8	**410199**	36	25	40	80	960 kg	4800 kg	18 Nm	10
	410204			60	100				
10	**410208**	40	26	45	90	1400 kg	7000 kg	36 Nm	5
	410220			65	110				
12	**410223**	44	27	50	110	2000 kg	10000 kg	60 Nm	2
	410227			70	130				

*SWL : Safe Working Load

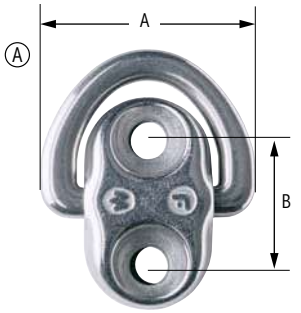


U-bolt

316 L st. steel U-bolt, supplied with 2 plates and 2 nuts.

Stock Ø	Ref.	A	B	C	H	SWL*	Breakload	Tightening	
4	**410155**	24	21	27	50	200 kg	1000 kg	2.3 Nm	10
5	**403871**	28	24	30	60	400 kg	2000 kg	4.5 Nm	10
6	**403879**	32	27	35	70	600 kg	3000 kg	7.5 Nm	10
	410157			55	90				
8	**403880**	36	30	40	80	960 kg	4800 kg	18 Nm	10
	410158			60	100				
10	**403881**	40	32	45	90	1400 kg	7000 kg	36 Nm	5
	410159			65	110				
12	**410156**	44	34	50	110	2000 kg	10000 kg	60 Nm	2
	410180			70	130				

*SWL : Safe Working Load



A double folding pad eye is designed to secure several shrouds or a removable stay.

Folding pad eyes

- 316 L stainless steel, hot forged.
- Outstanding work load in all positions.
- Compact, can be folded flat.
- Silicon pad to reduce noise and vibrations.
- Registered model - Made in France.

Stock Ø	Ⓐ Single, universal base	Ⓑ Single, 3-point secured base	Ⓒ Double
	ISO 15085 compliant, recommended for use with jacklines and safety harness tethers		-
6 mm	**403917** A 40 mm x B 23.4 mm H* 15 mm	**402332** A 44 mm x B 27 mm H* 15 mm	**403719** A 45 mm x B 27 mm
8 mm	-	**402333** A 59 mm x B 35 mm H* 18 mm	**470031** A 59 mm x B 35 mm
10 mm	-	**402334** A 80 mm x B 45 mm H* 25 mm	**402356** A 75 mm x B 45 mm

*H : useful height when pad eye stands open.

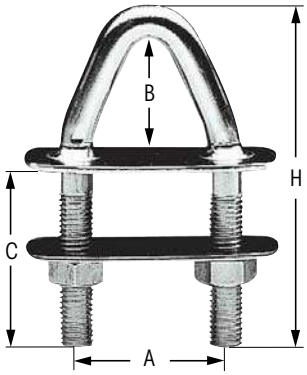
Barton MARINE

Double folding pad eye

46420

Marine grade stainless steel.
Anti-vibration rubber pads.
Folds flat to the deck when not in use.
Length 77 mm, width 32 mm, fastening Ø 5 mm.

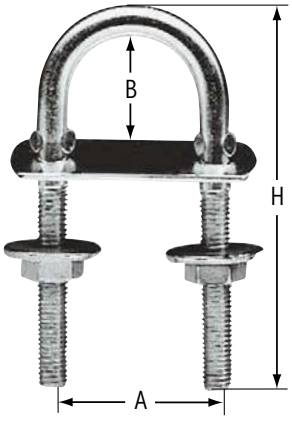
Dimensions in mm.



Triangular U-bolt

Highly polished
316 stainless steel.

Model	Stock Ø	Ref.	A	B	C	H	Thread G	Break load	
Straight	8	**13760**	33	40	50	100	M8	3500 kg	2
	10	**13764**	40	48	60	120	M10	5100 kg	
Offset 8 °	8	**13761**	33	40	50	100	M8	3500 kg	2
	10	**13765**	40	48	60	120	M10	5100 kg	
Offset 18 °	8	**13762**	33	40	50	100	M8	3500 kg	2
	10	**13766**	40	48	60	120	M10	5100 kg	



Round U-bolt

304 stainless steel U-bolt with loose plate.

Stock Ø	Ref.	A	B	H	Break load	
4	**13752**	30	24	40	350 kg	2
5	**13753**	35	34	80	800 kg	2
6	**13754**	35	34	80	1200 kg	2
8	**13755**	35	34	80	1400 kg	2
	13756	35	54	100	1600 kg	
10	**13757**	50	32	90	2500 kg	2
	13758	50	67	130		
12	**13759**	60	80	150	3000 kg	2

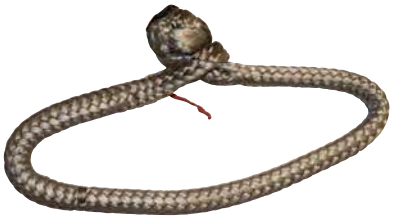
Soft shackle loops

Dyneema™ soft shackle loops

Building on their intensive use on racing boats, soft shackle loops are increasingly found on cruising boats where they tend to replace metal shackles.
Dyneema™ is a hi-tech fibre offering one of the best resistance/lightweight/softness ratios.

For an equivalent resistance, a Dyneema™ shackle loop is 5 to 10 times lighter in weight than a stainless steel shackle and features extra benefits :

- silent manoeuvres, no rattling, reduced risk of injury if it strikes a crewmember,
- no risk to loose the shackle axis, no blocked shackle due to corrosion,
- flexes and twists : when attaching a block to a fixed element (pad eye, boom), the soft shackle allows the block to rotate freely where a metal shackle would not.

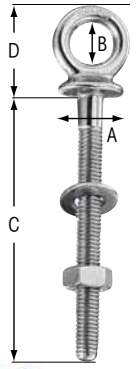


Ref.	Size	SWL*	
63834	Ø 3 mm, length 80 mm	250 kg	x 2
63835	Ø 4 mm, length 100 mm	500 kg	x 2
63836	Ø 5 mm, length 120 mm	650 kg	x 2
63837	Ø 6 mm, length 140 mm	1000 kg	x 2
63838	Ø 8 mm, length 150 mm	1650 kg	x 1

*SWL : Safe Working Load.

Dyneema™ is a registered trade mark of DSM.

Eye nuts & bolts

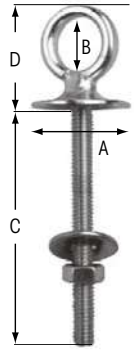


Eye nut & eye bolt

316 L st. steel, one-piece forged eye bolt for safer fastenings.

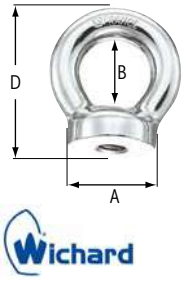
Stock Ø	Ref.	A	B	C	D	Thread	SWL*	Break load	Tightening	
5 mm	**402466**	17 mm	12 mm	40 mm	25 mm	M6 x 100	180 kg	900 kg	7.5 Nm	10
5 mm	**402467**	17 mm	12 mm	60 mm	25 mm	M6 x 100	180 kg	900 kg	7.5 Nm	10
6 mm	**402469**	20 mm	14 mm	80 mm	30 mm	M8 x 125	300 kg	1500 kg	18 Nm	10
7 mm	**402473**	25 mm	16 mm	100 mm	36 mm	M10 x 150	540 kg	2700 kg	36 Nm	5
8 mm	**402474**	28 mm	18 mm	120 mm	41 mm	M12 x 175	700 kg	3500 kg	60 Nm	5

*SWL : Safe Working Load



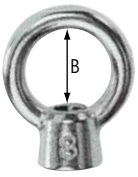
Eye bolt Polished AISI 316 stainless steel.

Stock Ø	Ref.	A	B	C	D	Thread	Break load	
5 mm	**27012**	25 mm	13 mm	30 mm	27 mm	M6	1200 kg	2
5 mm	**16791**	25 mm	13 mm	40 mm	26 mm	M6	1200 kg	2
5 mm	**13747**	25 mm	13 mm	50 mm	26 mm	M6	1200 kg	2
5 mm	**16792**	25 mm	13 mm	60 mm	27 mm	M6	1200 kg	2
5 mm	**13748**	25 mm	13 mm	100 mm	26 mm	M6	1200 kg	2
6 mm	**27013**	25 mm	15 mm	35 mm	31 mm	M6	2200 kg	2
6 mm	**13749**	25 mm	15 mm	50 mm	30 mm	M8	2200 kg	2
6 mm	**16793**	25 mm	15 mm	80 mm	30 mm	M8	2200 kg	2
6 mm	**16794**	25 mm	15 mm	100 mm	30 mm	M8	2200 kg	2
7 mm	**13750**	30 mm	16 mm	50 mm	35 mm	M10	3500 kg	2
7 mm	**13751**	30 mm	16 mm	100 mm	35 mm	M10	3500 kg	2
9 mm	**27014**	30 mm	18 mm	100 mm	40 mm	M12	4500 kg	2



Female eye nut 316 stainless steel.

Stock Ø	Ref.	A	B	D	Thread	Break load	
6 mm	**411867**	17 mm	13 mm	27 mm	M6 x 100	1500 kg	10
6 mm	**411868**	17 mm	13 mm	27 mm	M8 x 125	2200 kg	10
8 mm	**411869**	22 mm	17 mm	36 mm	M8 x 125	3000 kg	10
8 mm	**411870**	22 mm	17 mm	36 mm	M10 x 150	4500 kg	10
10 mm	**411872**	28 mm	22 mm	46 mm	M10 x 150	4800 kg	5
12 mm	**411874**	34 mm	27 mm	56 mm	M12 x 175	7000 kg	5
12 mm	**411876**	34 mm	27 mm	56 mm	M16 x 200	10000 kg	5



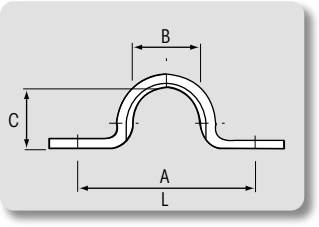
Female eye nut 316 stainless steel.

Stock Ø	Ref.	B	
6 mm	**13992**	16 mm	4
8 mm	**13993**	20 mm	2
10 mm	**13994**	25 mm	2
12 mm	**13995**	30 mm	2

Eye straps

Eye straps

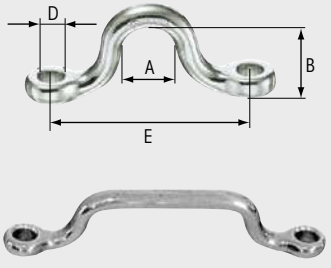
Model	Features	Material		Ref.	Useful width B	Useful height C	Hole spacing A	
Standard	Flat	st. steel 316	A	**408488**	10 mm	8 mm	30 mm	10
Standard	Flat	st. steel 304	D	**13739**	11 mm	12 mm	28 mm	10
				16652	15 mm	14 mm	34 mm	10
				16651	20 mm	19 mm	44 mm	10
				13740	28 mm	28 mm	63 mm	10
	Forged	st. steel 304	B	**13741**	16 mm	13 mm	38 mm	10
				13742	18 mm	16 mm	45 mm	10
		st. steel 316	C	**422170**	15 mm	10 mm	35 mm	10
		Chromed brass	E	**400293**	17 mm	15 mm	35 mm	1
		Polished brass	B	**422164**	20 mm	12 mm	40 mm	10



316 L st. steel eye strap

Wichard

Model	Ref.	A	B	D	E	Break load	
Standard	**415206**	8 mm	10 mm	4 mm	32 mm	650 kg	10
	100739	10 mm	14 mm	5 mm	37.5 mm	1800 kg	10
	415208	12 mm	16 mm	6 mm	45 mm	2400 kg	10
	415209	16 mm	21 mm	8 mm	60 mm	3500 kg	10
For webbing	**419073**	28 mm	5 mm	4 mm	56 mm	-	10
	419074	34 mm	10 mm	5 mm	65 mm	-	10



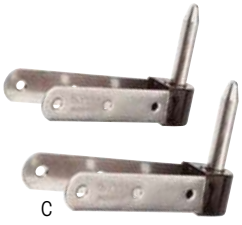
Pad-eye plates

Plate	Material		Ref.	Plate dimensions (L x W or Ø)	Useful dimensions	Mounting	Stock Ø	
	st. steel 304	A	**408463**	35 x 30 mm	H. 15 x width 15	4 holes	5 mm	1
			408462	40 x 35 mm	H. 17 x width 18	4 holes	6 mm	1
			408750	50 x 40 mm	H. 20 x width 21	4 holes	8 mm	1
	Chromed brass	B	**401450**	50 x 30 mm	12	3 holes	6 mm	1
	st. steel 304	C	**408464**	Ø 33 mm	H. 12 x width 15	2 holes	5 mm	2
			408470	Ø 50 mm	H. 20 x width 22	2 holes	8 mm	2

Transom pintles

A

B


C

	Ref.	Description	Pintle Ø	Weight	
A	**25843**	Set of 2 st. steel transom pintles, 93 & 118 mm long, 2 st. steel fixing brackets, 1 st. steel rudder stop, 2 st. steel plates & rivets.	6 mm	192 g	1
B	**16937**	Transom pintle, st. steel, useful length 30 mm	8 mm	52 g	10
	16938	Transom pintle, st. steel, useful length 40 mm		60 g	10
C	**181215**	Rudder pintle, st. steel + nylon, 19 mm wide	9.5 mm	91 g	1
	181216	Rudder pintle, st. steel + nylon, 22 mm wide		95 g	1

A

B

Rudder gudgeons

	Ref.	Material	Length	Hole centre Ø	
A	**16939**	St. steel	68 mm	8 mm	5
	16940	+ nylon	122 mm	8 mm	2
B	**181219**	Nylon	Transom-mount		1

S-type st. steel hook

Ref.	Length	Stock Ø
416643	**50 mm**	5 mm
416644	**80 mm**	6 mm

St. steel pin

Description	Useful length	Overall length	Stock Ø
416743	23 mm	32 mm	1.2 mm

Halyard exit plate

316 stainless steel.

Ref.	Height	Width	Ø	Halyard Ø
13666	47 mm	25 mm	10 mm	10 mm
13667	70 mm	35 mm	16 mm	16 mm

Thimbles

Rope Ø	Galvanised steel		316 st. steel		Poly-amide	
2 mm	-	-	**29373**	10	-	-
3 mm	-	-	**18487**	1	-	-
4 mm	-	-	**18488**	10	**44592**	10
5 mm	**13364**	10	**18489**	10	-	-
6 mm	**13365**	10	**18490**	10	**44596**	10
7 mm	-	-	**29374**	10	**24134**	1
8 mm	**13366**	10	**18491**	10	**44598**	10
10 mm	**13367**	10	**18492**	10	**44600**	10
12 mm	**13368**	10	**18493**	10	**44602**	20
14 mm	**13369**	10	**18494**	10	**29372**	10
16 mm	**400972**	2	**29375**	2	**44605**	10
18 mm	**13370**	10	**29376**	2	**44607**	10
20 mm	**400973**	2	**29377**	5	**44609**	10
22 mm	**414110**	2	**413859**	2	**44611**	1
24 mm	**400974**	2	-	-	**44613**	10
28 mm	**400975**	2	-	-	-	-
30 mm	**414122**	1	-	-	-	-

St. steel "O ring"

Ref.	Stock Ø	Ø	
16955	5 mm	30 mm	2

St. steel rings

Ref.	Stock Ø	Ø	
402080	1 mm	14 mm	100
402081	1.2 mm	16 mm	100
402082	1.5 mm	20 mm	50
412859	1.5 mm	22 mm	50
402087	1.5 mm	25 mm	10
402086	2 mm	30 mm	10

Cotter ring

Ref.	Stock Ø	Ring Ø	
29599	1 mm	11 mm	100
29600	1.25 mm	15 mm	100
29601	1.5 mm	19 mm	100
29602	2 mm	23 mm	100

Tiller fittings

Carbon tiller extensions

Barton MARINE

Ø 13 mm uni-directional carbon fiber tube incorporating a Pullwound spiral layer for optimum strength.
30 % weight saving vs. aluminium tiller extension.
Flexible tiller joint in hi-tech polymer to withstand countless tiller flexings.
Foam grip.
One tiller clip included : blocks the tiller temporarily and helps reduce helmsman's fatigue.

Ref.	Length
64267	60 cm
64268	80 cm
64269	100 cm
64270	120 cm

Spare part

- ***Flexible tiller joint 65413***

Aluminium tiller extensions

Ø 15 mm aluminium tube, Spectro grey anodised.
Features a flexible joint which can easily be removed from the tiller when required.
Golf club grip.

Option : Tiller clip ref 64274
Spare part : Flexible tiller joint ref. 65413

Ref.	Length
30037	60 cm
181243	80 cm
18754	92 cm
181245	105 cm

Clip for tiller extension

64274

Helps reduce fatigue during long periods at the helm.
One clip is included originally with every carbon fiber tiller extension. Extra clips may prove handy at different locations on board. Also adapts on aluminium tiller extensions, as optional extra.

Swivel plate

13746

St. steel.
Dim. 35 x 35 mm.

Auto-release cleat

26275

CL257 : for rope Ø 4-6 mm.
The cleat locks rudder downhaul ropes securely, and will flip up automatically to release the rope if the blade hits an obstacle or the bottom. No parts to lose and nothing to replace ; easy to reset or adjust for different loads, even out on the water.
The release load is easily adjusted with a cross-head screwdriver, from 20 kg (minimum setting) to 240 kg (maximum setting).

- Acetal moulded base, shaped to fit all tillers.
- Mounting in any position, with pop rivets, wood or machine screws.
- Cleat is cast in aluminium, to handle high loads without deforming or distorting.

Extension handles for outboard motors

Aluminium.

Ref.	Model
27117	65 cm
27118	100 cm
27119	80 - 111 cm - Telescopic

Tiller rope spring

16708

302 stainless steel.
Length 130 mm.

Rigging screws

Dimensions in mm.
Loads in kg.

Standard rigging screw

Forks, bolts and pins in polished stainless steel AISI 316.
Closed body in chrome plated bronze.

Ref.	Thread Ø*	Axis Ø	Length open	Length closed	Break load
17053	M 5	5	180	120	750
17054	M 6	6	212	144	1400
17055	M 8	8	239	160	2200
17056	M 10	9.5	294	200	3450
17057	M 12	12	358	245	5000
17058	M 14	14	404	280	6400
17059	M 16	16	447	304	8000

*metric thread

Recap table : wire rope Ø vs. thread Ø.

Wire rope Ø mm	Thread Ø	
	Metric	American UNF
2.5	M 5	3/16"
3	M 6	1/4"
4	M 8	5/16"
5	M 10	3/8"
6	M 12	7/16"
7	M 14	1/2"
8	M 16	5/8"
10	M 20	3/4"

Swage stud rigging screw

Forks, bolts and pins in polished AISI 316 stainless steel.
Open body in chrome plated bronze.

Ref.	Thread Ø*	Axis Ø	Length open	Length closed	Break load
400689	M 4	3	180	130	400
46378	M 6	6	218	143	1300
46379	M 8	8	260	168	2350

*metric thread

Rigging screw, fixed toggle + swage stud

Fork, threaded rod and bolts in polished stainless steel AISI316.
Closed body in chrome plated bronze.

Ref.	Thread Ø*	Axis Ø	Length open	Length closed	Break load
51542	M 5	2.5	210	150	600
29526	M 6	3	240	172	1000
29527	M 8	4	279	200	1400
29528	M 10	5	334	240	2200
29529	M 12	6	400	287	4000
29530	M 14	7	451	327	5400

*metric thread

Turnbuckle covers

Flexible PVC turnbuckle boots

Provides a cover for the rigging screw and fittings, to protect sails, clothes and skin from from being snagged on exposed turnbuckle parts.

	Ref.	Length	For rigging screw Ø
	10535	340 mm	4-6 mm
	10536	340 mm	8-10 mm
A	**10537**	470 mm	10-12 mm
	17051	465 mm	12-14 mm
	17052	460 mm	14-16 mm
	17048	380 mm	4-6 mm
B	**17049**	420 mm	8-10 mm
	17050	500 mm	10-12 mm
C	**28237**	470 mm	8-10 mm

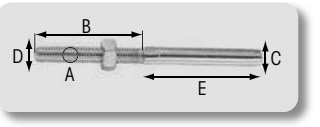
Swage studs

Dimensions in mm
Loads in kg

Swage stud for Pelican hook

Forged 316 st. steel, metric thread.

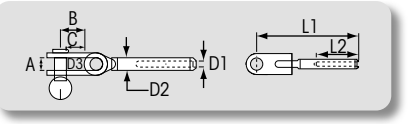
Ref.	Wire rope Ø	A	B	C	D	E
415201	4	7.5	40	4.3	M 8 x 125	40



Toggle terminal

316 st. steel.

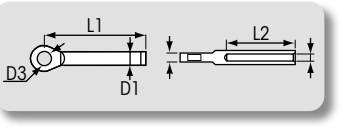
Ref.	Wire rope Ø	Ø D1	D2	D3	L1	L2	A	B	C	Break load
412933	6	6.5	12.58	11	135	64	15	25	19.5	4100



Eye terminal

316 st. steel.

Ref.	Wire rope Ø	Ø D1	D3	L1	L2	Break load	
29551	4	7.5	8.5	67	45	2350	2
29552	5	9	10.5	79	51	3500	10



Clevis pin

Polished AISI 316 stainless steel.

Ref.	Ø	Useful length	
29584	5	16	10
29585	6	18	10
29586	8	20	10
29587	9.5	23	2
29588	11	26	2
29589	12	28	2
29590	12	34	10
29591	14	32	10
29592	14	37	10

Cotter pins

Ref.	Ø	Useful length	
29593	1.5	10	100
29594	2	15	100
29595	2	25	100
29596	2.5	25	100
29597	3	25	50
29598	3	32	50

End hook, swage-type

18532

Wire rope Ø : 4 mm.
Length : 130 mm.
Break load : 1000 kg.

Screw-type hook, M 8 x 125 mm

415204

Wire rope Ø : 16 mm.
Length : 100 mm.
Break load : 2300 kg.

Clevis pin with plate

407507

Stainless steel 316, Ø 8 x 35 mm.

G-rings

Ref.	Stock Ø	Ring Ø	
29599	1	11	100
29600	1.25	15	100
29601	1.5	19	100
29602	2	23	100

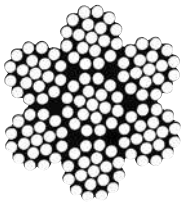
Wire rope

Tiller rope, coated st. steel

16960

316L stainless steel tiller rope in translucent plastic sheath.
7 strands and 7 threads each.
- External Ø 4.2 mm.
- Length 50 m.
- Breaking load : 540 kg.

Caution : when a single strand gets broken, the whole length of wire rope must be replaced.



Flexible 316 st. steel wire rope, 7 x 19

Very flexible cable (7 strands x 19 threads each). Accepts a high bending ratio (halyard cable, rudder ropes, runners, etc.).
Recommended for use with block sheaves. Crossed cable, pre-twisted. Length : 100 m.

Ø	7 x 19	Weight per metre	Breaking load
1.9 mm	**412630**	0.014 kg	240 kg
2.5 mm	**400949**	0.022 kg	380 kg
4 mm	**400952**	0.060 kg	990 kg
5 mm	**400953**	0.085 kg	1440 kg
8 mm	**400955**	0.238 kg	3580 kg

Guardrail protection sheath

White plastic. Split opening allows easy mounting after rigging.
Comes in 1.80 m. Length.

For Ø	Ref.	
4 mm	**13669**	5
5 mm	**13670**	5
6 - 7 mm	**13671**	5
8 mm	**13672**	5
10 mm	**13673**	5
12 mm	**24982**	5

St. steel turnbuckles for cable

Ø	Eye Ø	1 hook + 1 eye	2 hooks	2 eyes	
5 mm	9 mm	**421979**	**422027**	–	2
8 mm	13 mm	**421982**	**422029**	**422026**	2

St. steel grip

Ø	Ref.	
5 mm (x2)	**13972**	5
6 mm (x2)	**13973**	5
8 mm (x2)	**13974**	5
10 mm (x2)	**13975**	5
13 mm (x2)	**13977**	2
16 mm	**13978**	2

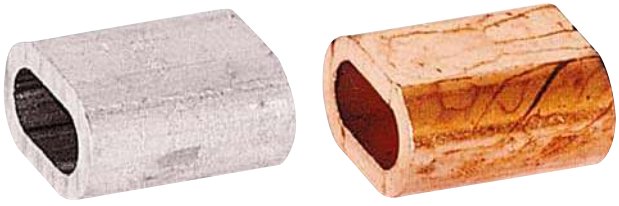
Galvanised steel wire grip

Ø	Ref.	
3-5 mm	**400246**	10
6 mm	**400247**	10
8 mm	**400249**	10
10 mm	**400250**	10
16 mm	**424280**	10

St. steel flat wire grip

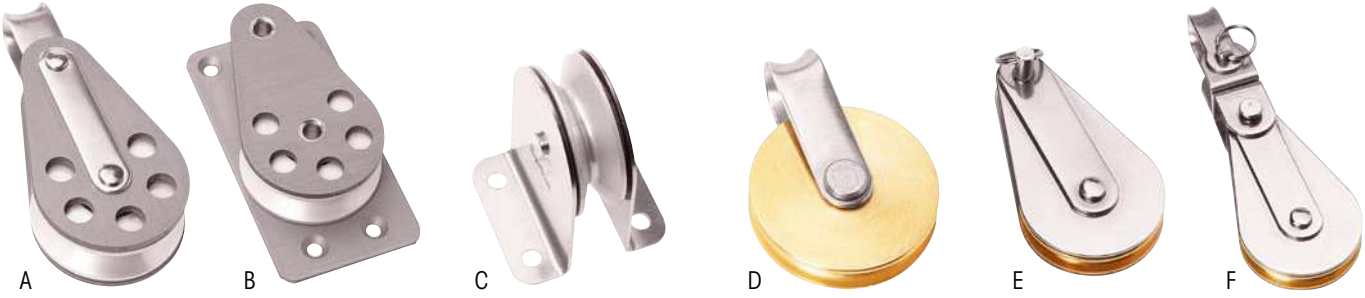
304 st. steel.

Ø	Réf.	
3 mm	**400753**	10
4 mm	**400754**	10
5 mm	**400755**	2
6 mm	**400756**	2
8 mm	**400758**	2



Talurit sleeves

Ø	Aluminium		Copper	
1.5 mm	**403250**	100	-	-
2 mm	**403251**	100	**403604**	100
2.5 mm	**403252**	100	**403305**	100
3 mm	**403253**	100	**403300**	100
4 mm	**403254**	100	**403301**	50
5 mm	**403255**	50	**403302**	50
6 mm	**403256**	25	**403303**	25
8 mm	**403258**	20	**403304**	10



Wire rope blocks

	Description	Ref.	Sheave construction	Rope Ø	Max. wire	Weight	SWL*	Breakload	Screws
A	**Single block with st.steel fixed eye**	**18742** **18743**	Aluminium 51 x 15 mm 63 x 18 mm	12 mm 16 mm	4 mm 5 mm	155 g 248 g	875 kg 1500 kg	1750 kg 3000 kg	- -
B	**Cheek block, single sheave**	**18744** **18745**	Aluminium 51 x 15 mm 63 x 18 mm	12 mm 16 mm	4 mm 5 mm	141 g 227 g	- -	- -	4 x 5 mm 4 x 6 mm
C	**Single vertical block, st. steel cheeks**	**18746** **18747**	Aluminium 38 x 12 mm 51 x 15 mm	8 mm 12 mm	4 mm 5 mm	92 g 160 g	- -	- -	4 x 5 mm 4 x 6 mm
D	**Single block with st.steel fixed eye**	**22484** **22485**	Brass 35 x 8 mm 45 x 8 mm	4 mm 5 mm	4 mm 5 mm	67 g 106 g	200 kg 375 kg	400 kg 750 kg	- -
E	**High load single block, with fixed eye. St.steel cheeks and bush**	**46531**	Brass 45 x 8 mm	5 mm	5 mm	163 g	650 kg	1300 kg	-
F	**High load single block, with swivel. St.steel cheeks and bush**	**46532**	Brass 45 x 8 mm	5 mm	5 mm	212 g	650 kg	1300 kg	-

*Safe Working Load

Guardrails

Parafil™ guardrails

Parafil™ plastic guardrail

Length 50 m	Length 300 m	Ext. Ø	Breaking load
16964	-	7 mm	500 kg
16965	**16966**	8.5 mm	1000 kg

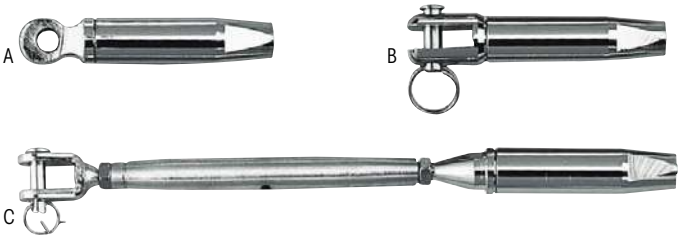
St. steel guardrail cable

18/12 stainless steel, 19-thread cable, in white plastic sheath.
Length 50 metres.

Ref.	Guardrail ext. Ø	Breaking load	Cable Ø
70653	6 mm	1390 kg	4 mm
16962	7 mm	1050 kg	3.5 mm

Guardrails and railings must be installed at a minimal height above deck :
- 60 cm for boats of 8 metres and above,
- 45 cm for other boats or vessels.

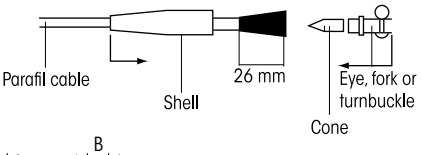
When a guardrail or railing is above 45 cm in height, an additional railing must be installed within a 30 cm height span above deck.

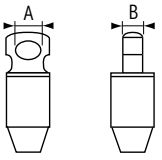


Terminal fittings for Parafil™ guardrail

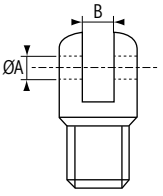
Chrome-plated bronze terminals.
Only this terminal guarantees a resistance of the cable once assembled, that remains equal to its original resistance.
Swift and easy mounting (see drawing).

	Terminal	For cable Ø 7 mm	For cable Ø 8.5 mm	
A	Eye terminal (x 2)	**16971**	-	3
B	Fork terminal (x 2)	**16969**	**16970**	5
C	St. steel Parafil turnbuckle	-	**16968**	1





Eye terminal	
Ref.	**16971**
Ø A	6.3 mm
B	4.8 mm



Fork terminal		
Ref.	**16969**	**16970**
Ø A	6.3 mm	6.3 mm
B	6 mm	7 mm

Terminal fitting for guardrail

Fits st. steel guardrail cable, external Ø 7 - 9 mm
(= Ø of unsheathed cable 3.5/4 mm).

Version	Ref.
A Fork terminal alone	**16973**
B Fork + turnbuckle	**16974**

Guardrail accessories

Leather protection for guardrail & stanchion

Leather protection to save sails from abrasion and chafe.
Easy to sew on the rigging part you want to protect and easy to remove and use again the next season.

Light grey leather, comes in 3 sizes and shapes, to fit perfectly on different rigging set-ups.

2351150

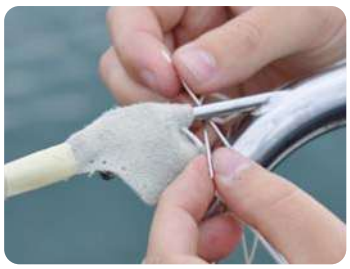
2351151

2351155

Leather kit includes :
- 2 patches of pre-punched light grey leather,
- 2 needles,
- waxed polyester thread,
- sewing instructions.

Weight : 30 g.

Ref.	Description
2351150	Guardrail leather protection, cable junction
2351151	Guardrail leather protection, Parafil terminal
2351155	Stanchion leather protection



Guardrail netting

Diamond mesh, made from 100 % nylon.
Knitted mesh : better strength and no over-thickness.
Reinforced top and bottom selvages.

Net length	Ref.	Net height	Number of mesh-strings*	Mesh dimension
10 m length	**14938**	40/60 cm	11	55 mm
100 m spool	**14939**	40/60 cm		

*Number of vertical mesh-strings.

Halyard stowage bags

PVC or Dralon, mesh canvas, batten and grommets

Dimensions (cm)	PVC, white	Dralon, Royal blue
30 x 20 x 10	**37992**	**37989**
35 x 25 x 12	**37993**	**37990**
45 x 30 x 15	**37994**	**37991**

Back supporter, rigid plastic

13444

Dimensions : 38 x 12 cm.

Back supporter, soft foam

29525

47 x 14 cm.

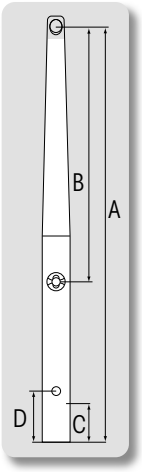
Stanchions

Stainless steel stanchions

Stanchions in 316 stainless steel with electrolytical polishing surface treatment for optimum resistance to corrosion and even more durable shiny surface.

Ø 25 mm tube with cylindrical tip.

All models feature a hole 35 mm high from base.
Model 35727 has an additional hole 45 mm high from base.

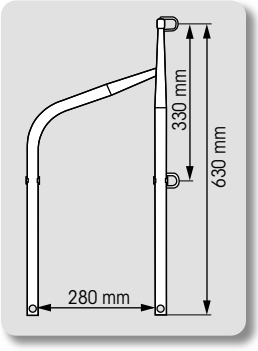


Ref.	Guardrail hole	A	B	C	D	ISO 15085 compliant
35725	1	450 mm	-	35 mm	-	✔
35726	2	450 mm	255 mm	35 mm	-	✔
35727	2	630 mm	330 mm	35 mm	45 mm	✔
35728	2	750 mm	360 mm	35 mm	-	-

Gate door stanchion

35729

316 polished stainless steel tube Ø 25 mm.
2 guardrail holes.
Hole 35 mm high from base.
Distance between centres : 280 mm.
ISO compliant.



Stanchion socket

18530

Stainless steel socket for stanchion
Ø 25 mm, with pad-eye plate.
Dimensions : base 76 x 95 mm, height 95 mm

Stanchion cleat

29476

A neat fitting designed to clamp over stanchions or pulpit/ pushpit rails, Ø 20 to 30 mm.
Sturdy construction : stainless steel and glass reinforced polyamide.
Fits in seconds without any modification to the stanchion.
Cleat length : 111 mm.

Stanchion bullseye

29495

Ideal for use with furling lines (Ø 17 mm max).

Designed to fit over stanchions and rails, with diameter 20 to 25 mm.
Sturdy st. steel construction.

Supplied complete with fastenings.

Barton MARINE

Stanchion lead blocks

For stanchion Ø 25 mm.
Lightweight blocks manufactured from glass filled nylon and high grade stainless steel.
Free running blocks delivering ultimate performance, efficiency and long working life.

Model	Ref.	Rope Ø	Sheave dimensions	Length	Weight	SWL*	Break load	*Barton model*
Single, Size 2	**66650**	8 mm	11 x Ø 35 mm	95 mm	67 g	370 kg	740 kg	*N02190*
Single, Size 3	**66651**	10 mm	13 x Ø 45 mm	110 mm	87 g	400 kg	800 kg	*N03190*
Single, Size 4	**66652**	12 mm	17 x Ø 54 mm	135 mm	182 g	750 kg	1500 kg	*N05190*
Double, Size 2	**66977**	8 mm	11 x Ø 35 mm	95 mm	98 g	370 kg	740 kg	*N02290*

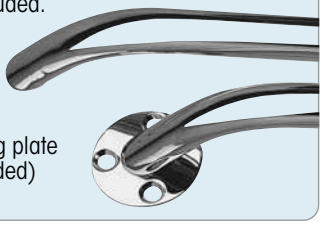
*Safe Working Load.

Handrails

Length indicated is **distance between centers.**

Screw fastening plates Ø 57.5 mm are included.

Blind mounting also possible : just bolt the handrail through the deck, without the fastening plate (hardware not included)



316 stainless steel

Ø 26 x 20 mm oval st. steel tube

Useful depth 45 mm.

Length	Ref.	Length	Ref.
20 cm	**105045**	43 cm	**105048**
28 cm	**105046**	58.50 cm	**105049**
38 cm	**105047**	70 cm	**106028**

Ø 25 mm st. steel tube in leather sheath

Length	Ref.	Length	Ref.
28 cm	**106859**	43 cm	**106861**
38 cm	**106860**	58.50 cm	**106862**

Ø 24 x 20 mm oval st. steel tube

Useful depth 45 mm.

Length	Ref.	Length	Ref.
20 cm	**10310**	50.50 cm	**10312**
30 cm	**10311**	80 cm	**10313**

Ø 22 mm st. steel tube

12572

Length 25 cm.
Useful depth 150 mm.
Equally suitable as a step.

Handrail holder

- **Fitting : 400226**
- **Base : 400225**

Chromed brass. Ø 20 mm, height 43 mm.

Bamboo handrails

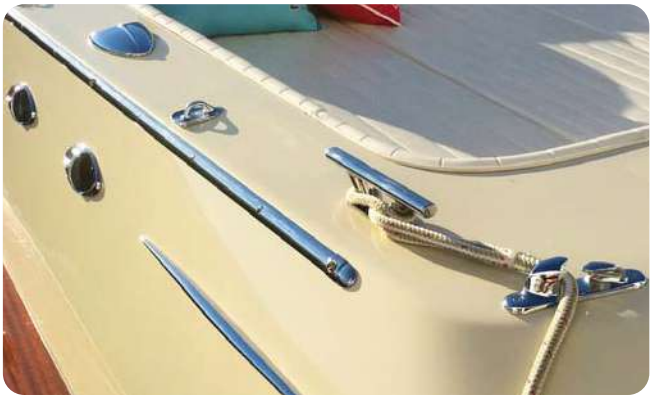
For indoor use only.

Length	Ref.	Number of loops
33 cm	**1997014**	1
59 cm	**1997015**	2
85 cm	**1997016**	3

Fender profiles

TESSILMARE

Sphaera mounted on Standard base



Sphaera mounted on Slim base

Sphaera 25 st. steel fender profiles

316L stainless steel 25 mm wide fender profiles combining excellent resistance to shocks and abrasion with awesome look.
Duralene® inner core facilitates bending and guarantees perfect hull-hugging.
Fender profile adapts either on a PVC Slim or Standard base.

	Create your own SPHAERA 25 fender kit	On Slim base	On Standard base
A	**Stainless steel Sphaera fender profile, 25 mm wide** (6 profiles x 2.60 m)	**66190**	**66190**
B-C	**White PVC base** (16 m roll)	**66188** (B)	**66189** (C)
D	**Stainless steel junction top cap** (x 1 cap)	**66191**	**66191**
E-F	**Stainless steel end cap** (66193 = 1 end-cap / 66192 = 2 end-caps)	**66193** (E)	**66192** (F)

Mounting Sphaera on Slim base :

Mounting Sphaera on Standard base :

Radial PVC fender profiles

White or black PVC fender profile, 30 or 40 mm wide, mounted on a rigid track.
End caps and junction caps in PVC or stainless steel, for an even more stylish look.
Bends easily and can be cold fitted in seconds.

	Create your own RADIAL fender kit	30 mm wide	40 mm wide
	PVC Radial profile (16 m coil)		
A	• White	**66195**	**66201**
B	• Black	**66196**	**66202**
C	**Rigid track** (8 tracks x 2 m)	**66194**	**66200**
	Junction top cap (x 1)		
D	• White PVC	**66199**	**66199**
-	• Black PVC	**66227**	**66227**
E	• Stainless steel	**-**	**66206**
	Profile end cap (x 1)		
F	• White PVC	**66197**	**66203**
-	• Black PVC	**66226**	**66228**
G	• Stainless steel	**66198**	**66204**

Mounting a 40 mm Radial fender profile :

• With PVC fittings (black or white)

• With stainless steel fittings

Bino PVC fender profiles

Extremely flexible PVC fender profiles, hugging the most complex curves of any type of boat : yachts and recreational boats, military and merchant vessels.

Bino fender profile features the same performance and protection quality as the very popular Radial by Tessilmare, with the additional faculty to adapt perfectly to all surfaces and all curves including angles and sharp edges, thanks to its extreme flexibility.

Very quick and easy to install : **equally suitable for retrofit and for OEM new boat construction**.

White Bino, 40 mm

Black Bino, 40 mm

Patented Bino principle by Tessilmare :

The Bino fender profile is composed of 2 PVC parts, each supplied in 16 m length : so flexible that it is delivered in a coiled reel !
The lower part is screwed to the dock or boat hull and huggs perfectly the surface.
The top part is simply pushed and slotted into the lower part. Once snapped together, they form a very efficient 24 mm thick antishock bumper.

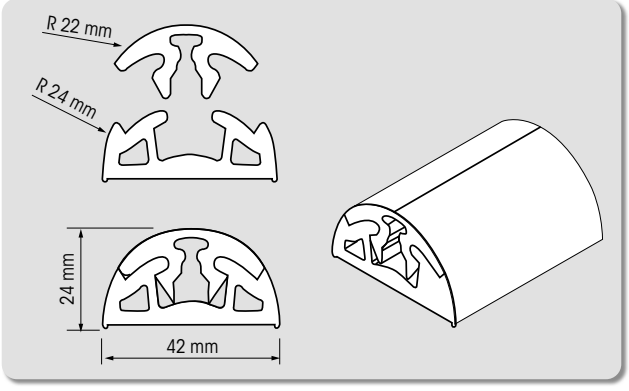
	Create your own BINO fender kit	40 mm wide
A	**PVC Bino fender profile** (16 m coil) • White • Black	 **69042** **69043**
B	**St. steel junction top cap** (x 1)	**66206**
C	**St. steel end cap** (x 1)	**66204**

Mounting a 40 mm Bino fender profile :

• PVC profile with stainless steel fittings

66204 St. steel end cap | 69042 White PVC profile 69043 Black PVC profile | 66206 St. steel junction cap | 69042 White PVC profile 69043 Black PVC profile | 66204 St. steel end cap

Supplied in 16 m reels.

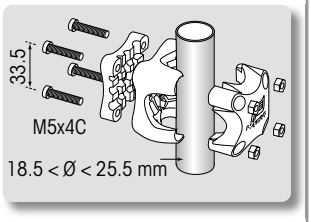


Plasticlip

MADE BY PLASTIMO

Compasses, safety equipment or fenders, all these products must be correctly fixed and also leave ample room to move about on the deck.

Plastimo offers a clip which, from the same basic elements, allows the installation of very different products such as a compass, a lifebuoy light or a horseshoe buoy...

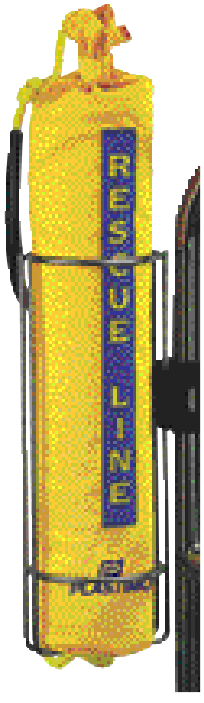


Plasticlip offers many advantages :
- **Easy, quick and neat installation : no drilling required ;** you can change the location of your equipment at any moment.
- **Plasticlip adapts to various tube diameters** (from 18.5 to 25.5 mm). It can be horizontally or vertically mounted.

Multi-purpose holder Plasticlip

- **Black : 37030**
- **Stone : 37031**
- **Grey : 37032**

Multi-purpose holder for universal fixes (compass, electronic instruments, rescue buoy, fender...).
Suitable for use with a webbing strap, 25 mm wide max.
Supplied with screws and nuts.



Holder for cylindrical products

30766

Originally designed for the Rescue Line, ref. 27020.
Features :
- 1 Plasticlip, for any horizontal or vertical tube with a diameter from 18.5 to 25.5 mm.
- St. steel holder.

Heigth : 30 cm.
Supplied with screws and nuts.

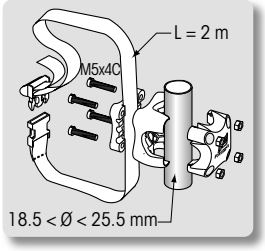
Equally suitable for a bottle or any other cylindrical product with a max. diameter of 11 cm.

Holding straps for wind-surf board / SUP

37033

Ideal to fix a wind-surf or surf board, a SUP or a wakeboard on the boat stanchions.
Features :
- 2 Plasticlip, for any horizontal or vertical tube with a diameter from 18.5 to 25.5 mm.
- 2 x 2 m webbing straps with fix-lock.

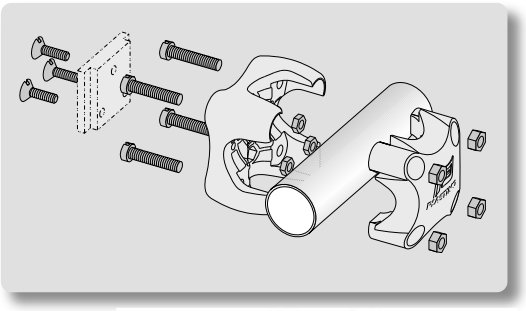
Supplied with screws and nuts.
In the case of a larger board, 2 kits may be necessary.



Plasticlip for compass

- **Black : 37035**
- **Light grey : 37036**

Ideal to fix compasses Offshore 75 Mini-binnacle, Offshore 75 and Offshore 95 equipped with a bracket.



Plasticlip for VHF/GPS antenna

58113

Standard pushpit mount. Suitable for all VHF or GPS antennas (AdvanSea and other brands).
Features :

- 1 Plasticlip, to be adapted on any tube Ø 18.5 to 25.5 mm.
- 4 st. steel screws and nuts.

Clip for tube

37034

Originally designed for a floating light.
Equally suitable for any tube with a diameter from 40 to 45 mm such as oars, paddles…
Features :

- 1 Plasticlip, for any horizontal or vertical tube with a diameter from 18.5 to 25.5 mm.
- 1 clip.

Supplied with screws and nuts.

Rack for horseshoe buoy

37800

Composed of :

- 1 Plasticlip, to be adapted on any tube Ø 18.5 to 25.5 mm.
- 1 stainless steel rack for horseshoe buoy (max. thickness 10.5 cm).
- 1 shock cord + plastic snap shackle to secure the buoy.

Supplied with screws and nuts.

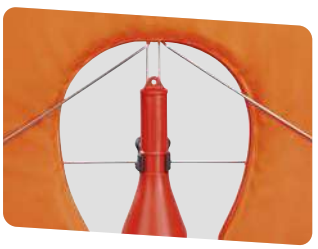
Rack for horseshoe buoy + light

31437

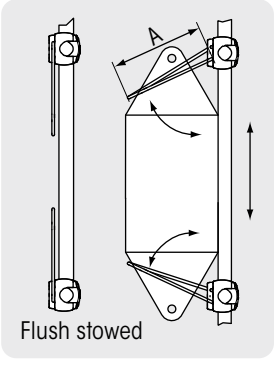
Composed of :

- 1 Plasticlip, to be adapted on any tube Ø 18.5 to 25.5 mm. Specific clip designed to hold a floating light.
- 1 stainless steel rack for horseshoe buoy (max. thickness 10.5 cm).

Supplied with screws and nuts.



Patented model



Universal holder for fenders

Unique fender holder : both clips feature a spring mounted bracket which holds the narrow ends of the fender.
The clips can be adjusted up and down the rail, the only limit being the rail length. When fenders are taken away, the brackets fold flat thus leaving ample room to move about on the deck.
Suitable for vertical (stanchions or pushpit) or horizontal fender stowage (pulpit).

Fender Ø	Ref.	A
From 90 to 200 mm	**36203**	180 mm

Winches

Nautilus composite winches are a versatile alternative to conventional aluminium or stainless steel winches and can be used on sailing yachts up to 9 m.

Nautilus winches

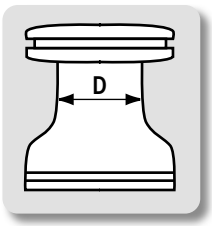
The combination of reinforced polymers and stainless steel produces winches which are notably light, powerful and durable.
All models are recommended for use with sheets, halyards and control lines made of natural and man-made fibres. The 16 and 23 models incorporate highly sophisticated features such as the 3-planet gear system which balances the load and ensures smooth operation.

	Single speed, No 8	Two-speed, No 16	Two-speed, No 23
	31471	**31472**	**31473**
Drum & base housing	Reinforced polymer	Reinforced polymer	Reinforced polymer
Drum Ø	66.7 mm	66.7 mm	66.7 mm
Base Ø	101.6 mm	114.3 mm	114.3 mm
Height	101.6 mm	135.9 mm	135.9 mm
Weight	0.835 kg	1.264 kg	1.6 kg
Gear ratios	1 : 1	1 : 1 & 2 : 1	1 : 1 & 3 : 1
Power ratios	8 : 1	16 : 1	23 : 1
Mounting	6 x 6 mm counter-sunkhead bolts		

Nautilus winches require minimal maintenance : Remove drum and rinse throughout with fresh water on a regular basis and dry. Do not use Nautilus winches with steel cables.

Wincher

Rubber moulding flange which fits over the top of a standard winch, converting it to self-tailing.



Ref.	For drum Ø (D)	Rope Ø
35306*	64 - 70 mm	8 - 10 mm
35307	70 - 80 mm	10 - 14 mm
35308	80 - 90 mm	12 - 14 mm
35309	90 - 100 mm	12 - 16 mm

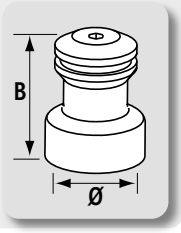
* Fits the 3 sizes of Nautilus winches.

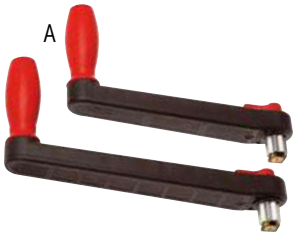
Winch covers

Dralon cover : maintained in position on the drum with an elastic band, and secured to the winch base by means of a strap.
PVC cover : adjusted and fastened on the winch by a Velcro flap.
Supplied in pairs.

Dralon, Royal blue	PVC, white	Dimensions B x Ø*
40146	**38015**	16 x 14 cm
40147	**38016**	18 x 17 cm
40148	-	22 x 18 cm

* At winch base.





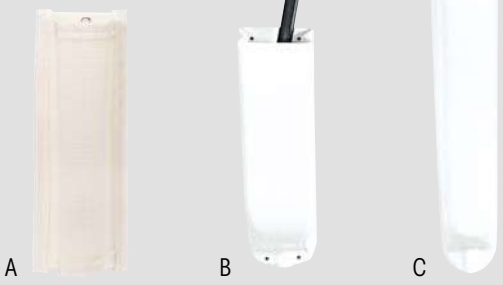
Winch handles

Model	Description*	Length		Ref.	Locking	Weight
Floating, glass reinforced polyamide	Bi-directional. Floats in sea and fresh water.	235 mm	A	**29458**	Yes	267 g
		290 mm	A	**26895**	Yes	306 g
Aluminium	Designed for clockwise operation only. Not suitable for 2-speed winches.	225 mm	B	**18738**	No	290 g
				18739	Yes	302 g
		280 mm	C	**18740**	No	335 g
				18741	Yes	347 g

*All models fit most international sized winch star sockets and are intended for lightweight use (SWL 40 kg).

Winch handle pockets

Model		Ref.	Dimensions
White synthetic fabric. For 1 winch handle	A	**29457**	300 x 100 x Ø 60 mm
Flexible white PVC, UV-resistant	B	**10624**	260 x 80 x 55 mm
		10625	275 x 73 x 50 mm
		16920	265 x 73 x 73 mm
Flexible white PVC, UV-resistant	C	**16921**	320 x 55 x top 65 mm/ base 42 mm



Rubbing strakes & wear pads

Stainless steel rubbing strakes

Stylish guards protecting against chafe from cap rails and gunwales.

Ref.	Length	Width	Hole centres
105041	203 mm	19 mm	124 mm
105042	304 mm	19 mm	115 mm
105043	457 mm	19 mm	118 mm
105044	610 mm	19 mm	133 mm

Polyurethane transparent wear pad

65399

PUR transparent (Polyurethane) wear pad, ideal for preventing blocks and lines from rubbing and chafing against deck and gelcoat.

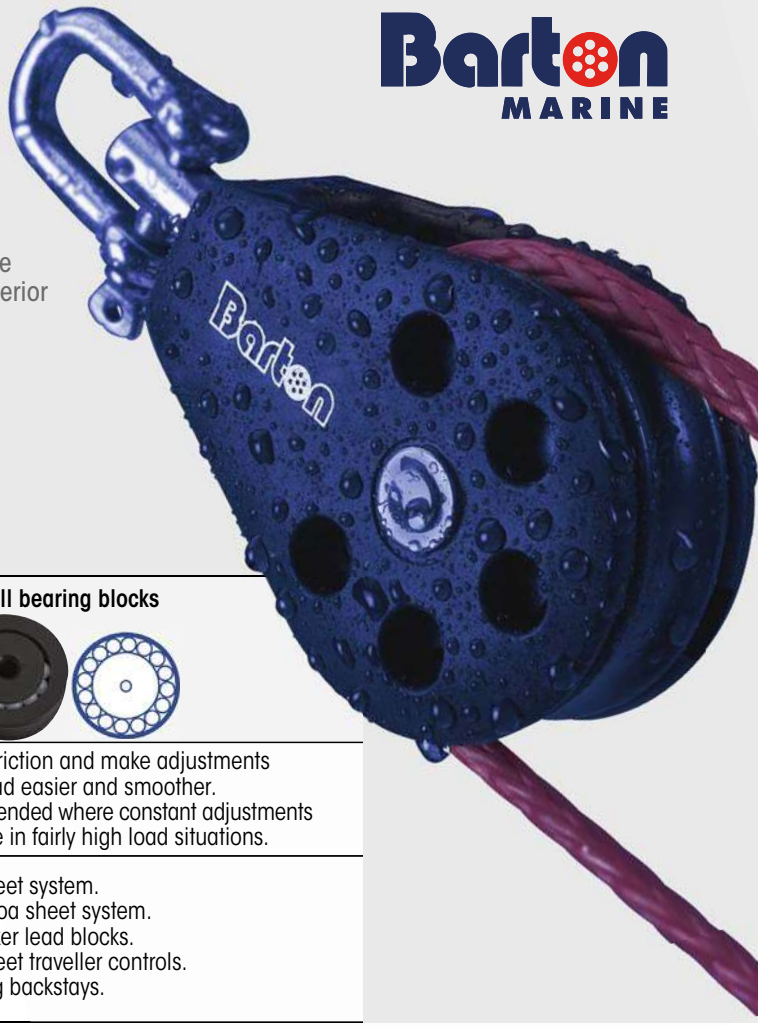
High performance 3M adhesive backing, resistant to immersion and exposure to salt water.

Pad is flexible, can be cut to size and will conform to curved or flat surfaces.

Dimensions : 208 x 98 mm.

The PUR (Polyurethane) wear pad is as effective as aesthetic !

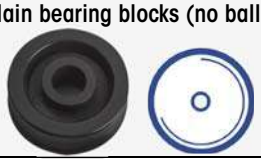
Blocks



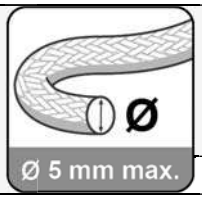
A comprehensive range of lightweight blocks engineered to improve strength and performance. Barton blocks are manufactured in England and incorporate a stainless steel frame inside glass fibre side plates, with a darker, richer slate grey exterior and a sleek and smooth design to match modern boats.

New modifications allow for improved endurance and strength with greater load ratings and weathering protection.

Which technology ?
Plain sheave or ball bearings ?

	Plain bearing blocks (no ball bearings)	Ball bearing blocks
		
Benefits	Particularly suitable in applications where high static loads are expected. No risk of ball distortion.	Reduce friction and make adjustments under load easier and smoother. Recommended where constant adjustments are made in fairly high load situations.
Application	- Mast foot blocks. - Mast head halyard blocks. - Kicker or vang tackles. - Backstay tensioner tackles. - Downhauls : spinnaker, mainsail and jib. - Jib outhauls.	- Mainsheet system. - Jib/genoa sheet system. - Spinnaker lead blocks. - Mainsheet traveller controls. - Running backstays.

Dinghy, small catamaran, sportsboat

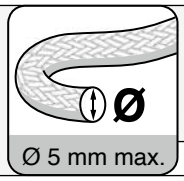
SIZE ZERO		Sheave dimensions	Plain sheave	Ball bearings	Break load
	Ø 5 mm max.	8 x Ø 20 mm	SWL* 275 kg	SWL* 130 kg	550 kg

*Safe Working Load.

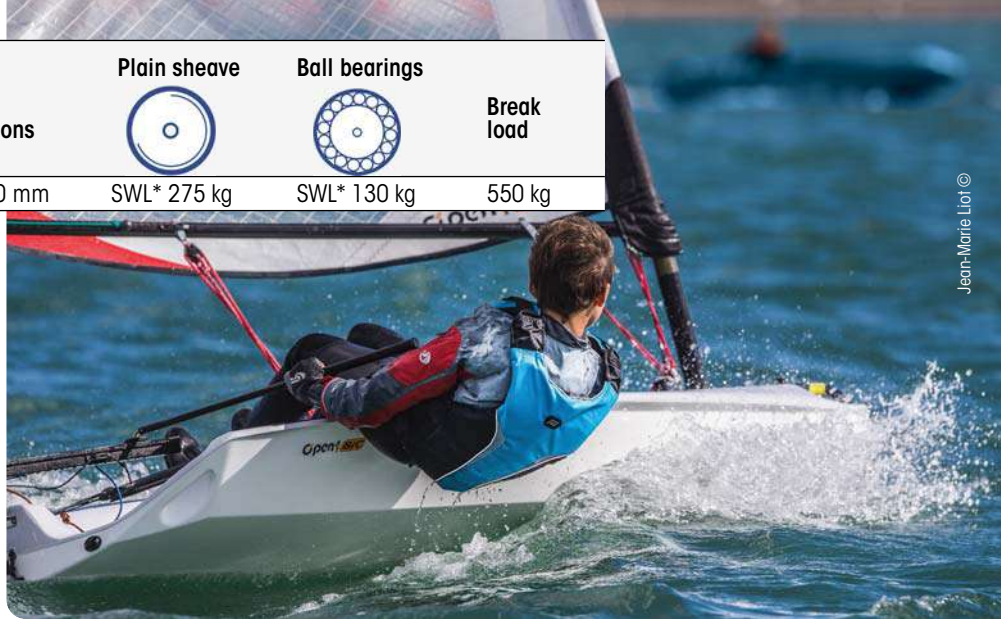
Ideal for dinghy racing : starts at 13 grammes !

Single blocks

		Length		Weight	Barton model		Weight	Barton model
A	Fixed eye	39.1 mm	**66761**	13 g	N00110	**66765**	13 g	N10110
B	Fixed eye/becket	52.2 mm	**66762**	19 g	N00111	**66766**	17 g	N10111
C	Swivel	53.8 mm	**66763**	20 g	N00130	**66767**	18 g	N10130
D	Swivel/becket	66.7 mm	**66764**	25 g	N00131	**66768**	20 g	N10131
E	Stand-up	47 mm	**66769**	21 g	N00170	-	-	-

SIZE ZERO	 Ø 5 mm max.	Sheave dimensions	Plain sheave	Ball bearings	Break load
		8 x Ø 20 mm	SWL* 275 kg	SWL* 130 kg	550 kg

*Safe Working Load.



Jean-Marie Liot ©

A

B

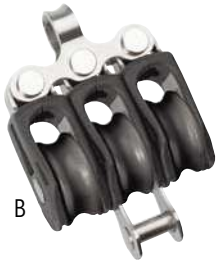
C

D

Double blocks

		Length		Weight	Barton model
A	Fixed eye	50.4 mm	**66978**	37 g	*N00210*
B	Fixed eye/becket	63.5 mm	**66770**	41 g	*N00211*
C	Swivel	65.8 mm	**66771**	46 g	*N00230*
D	Swivel/becket	79 mm	**66772**	47 g	*N00231*

A

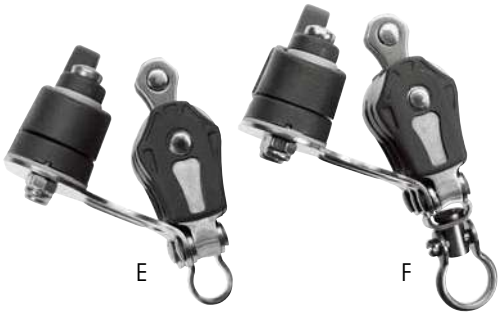

B

C

D

Triple blocks

		Length		Weight	Barton model
A	Fixed eye	50.4 mm	**66773**	55 g	*N00310*
B	Fixed eye/becket	63.5 mm	**66774**	59 g	*N00311*
C	Swivel	66.7 mm	**66775**	60 g	*N00330*
D	Swivel/becket	79.3 mm	**66776**	64 g	*N00331*
E	Fixed eye/ becket/cam	71.7 mm	**66777**	103 g	*N00511*
F	Swivel/becket/cam	88.5 mm	**66778**	110 g	*N00931*


E

F

Ratchet block

25815

St. steel and UV resistant sheave.
Diameter 58 mm, for use with
4 to 12 mm rope.

Dinghy block with fixed eye

16808

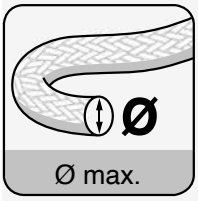
Ideal for dinghy or dayboat.
Rope Ø 8 mm max.
Equally suitable for some industrial applications.
Polished st. steel side plates with flared cheeks.
Acetal resin sheaves, Ø 30 mm, 11 mm thick. Height : 68 mm
Breakload : 560 kg
SWL : 280 kg

Dinghy blocks

316 L st. steel. Suitable for dinghy and industrial use.

- Rope Ø 8 mm, sheave 23 mm
  Standard block : **25806**
  Block + becket : **25808**

Single blocks



Size	Sheave dimensions	Plain sheave	Ball bearings	Break load
Size 1 : Ø 8 mm	12 x Ø 30 mm	SWL* 355 kg	SWL* 245 kg	710 kg
Size 2 : Ø 8 mm	11 x Ø 35 mm	SWL* 370 kg	SWL* 260 kg	740 kg
Size 3 : Ø 10 mm	13 x Ø 45 mm	SWL* 400 kg	SWL* 270 kg	800 kg
Size 4-5 : Ø 12 mm	17 x Ø 54 mm	SWL* 750 kg	SWL* 525 kg	1 500 kg

*SWL : Safe Working Load.

Fixed eye	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	55 mm	**67134**	33 g	*N01110*	**66600**	32 g	*N11110*
Size 2	65 mm	**67135**	40 g	*N02110*	**66601**	39 g	*N12110*
Size 3	80 mm	**67136**	60 g	*N03110*	**66602**	63 g	*N13110*
Size 4-5	107 mm	**66599**	154 g	*N05110*	**66603**	140 g	*N15110*

Fixed eye/becket	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	66 mm	**66604**	41 g	*N01111*	**66608**	40 g	*N11111*
Size 2	76 mm	**66605**	48 g	*N02111*	**66609**	47 g	*N12111*
Size 3	91 mm	**66606**	68 g	*N03111*	**66610**	71 g	*N13111*
Size 4-5	130 mm	**66607**	177 g	*N05111*	**66611**	163 g	*N15111*

Swivel	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	73 mm	**66612**	43 g	*N01130*	**66616**	44 g	*N11130*
Size 2	80 mm	**66613**	48 g	*N02130*	**66617**	47 g	*N12130*
Size 3	100 mm	**66614**	73 g	*N03130*	**66618**	76 g	*N13130*
Size 4-5	130 mm	**66615**	197 g	*N05130*	**66619**	183 g	*N15130*

Swivel/becket	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	84 mm	**66620**	51 g	*N01131*	**66624**	52 g	*N11131*
Size 2	91 mm	**66621**	56 g	*N02131*	**66625**	55 g	*N12131*
Size 3	111 mm	**66622**	81 g	*N03131*	**66626**	84 g	*N13131*
Size 4-5	153 mm	**66623**	220 g	*N05131*	**66627**	206 g	*N15131*

Snap shackle	Length		Weight	*Barton model*		Weight	*Barton model*
Size 2	91 mm	**66628**	92 g	*N02140*	**66631**	89 g	*N12140*
Size 3	109 mm	**66629**	99 g	*N03140*	**66632**	102 g	*N13140*
Size 4-5	142 mm	**66630**	263 g	*N05140*	**66633**	247 g	*N15140*

Snap shackle/becket	Length		Weight	*Barton model*
Size 2	100 mm	**66653**	96 g	*N02141*
Size 3	120 mm	**66654**	197 g	*N03141*
Size 4-5	165 mm	**66655**	286 g	*N05141*

Thierry Martinez Sepaco ©

Fixed eye clevis pin	Length		Weight	Barton model
Size 1	55 mm	**66634**	39 g	*N01090*
Size 2	65 mm	**66635**	46 g	*N02090*
Size 3	80 mm	**66636**	66 g	*N03090*
Size 4-5	114 mm	**66637**	162 g	*N05090*

Ideal to combine with mast foot organiser : particularly suitable in applications where high static loads are expected, such as mast foot blocks.

Mast foot organiser

61061

Anodised aluminium mast foot organiser with four swivel posts. For use with fixed eye clevis pin blocks, 30 to 58 mm sheave (blocks not included).
For rope Ø 12 mm max.
SWL : 630 kg. Ø 8mm screws (not included).

Stanchion	Length		Weight	Barton model
Size 2	95 mm	**66650**	67 g	*N02190*
Size 3	110 mm	**66651**	87 g	*N03190*
Size 4	135 mm	**66652**	135 g	*N05190*

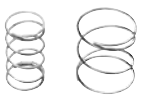
Size 1

Cheek/lightweight	Length		Weight	Barton model
Size 1	55 mm	**66646**	21 g	*N01160*
Size 2	80 mm	**66647**	73 g	*N02160*
Size 3	92 mm	**66648**	109 g	*N03160*
Size 4	107 mm	**66649**	178 g	*N04160*

Stand-up	Length		Weight	Barton model
Size 1	64 mm	**66642**	60 g	*N01170*
Size 2	92 mm	**66643**	117 g	*N02170*
Size 3	108 mm	**66644**	139 g	*N03170*
Size 4-5	140 mm	**66645**	347 g	*N05170*

Upright (Ø 5 mm screws)	Length		Weight	Barton model
Size 1	53 mm	**66638**	64 g	*N01150*
Size 2	51 mm	**66639**	78 g	*N02150*
Size 3	75 mm	**66640**	122 g	*N03150*
Size 4-5	92 mm	**66641**	218 g	*N04150*

Spare parts



Stainless steel springs

- ***46535 :*** *Ø 20 mm x height 35 mm.*
- ***46536 :*** *Ø 30 mm x height 30 mm.*

Plastic springs

- ***46537 :*** *Ø 40 mm x height 50 mm.*
- ***46538 :*** *Ø 30 mm x height 55 mm.*

Ratchet block

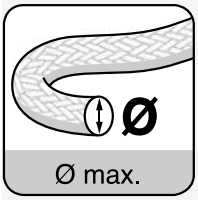
67731

Low friction and excellent longevity designed for **mainsheet systems and spinnaker sheets on boats up to 9 m (30').** Allows sailors to hand hold loaded lines and offer balance between holding power and controlled easing. Also equipped with a stainless steel lever that locks the swivel head if desired. Side plates manufactured from a composite of high-density nylon and glass fibre reinforced polymer ; all UV-ray protected.

Internal components are 316 stainless steel and **12-faced aluminium sheave anodised in gunmetal silver.**

- Max. line Ø : 10 mm.
- Dimensions: 80* x 58 x 24 mm (H x W x thick).
  * Height of block alone excluding swivel.
- Sheave dimensions : 13 x Ø 55 mm.
- Weight : 135 g.
- SWL : 300 kg.
- Break load : 1200 kg.

Double blocks



Size	Sheave dimensions	Plain sheave	Ball bearings	Break load
Size 1 : Ø 8 mm	12 x Ø 30 mm	SWL* 355 kg	SWL* 245 kg	710 kg
Size 2 : Ø 8 mm	11 x Ø 35 mm	SWL* 370 kg	SWL* 260 kg	740 kg
Size 3 : Ø 10 mm	13 x Ø 45 mm	SWL* 400 kg	SWL* 270 kg	800 kg
Size 4-5 : Ø 12 mm	17 x Ø 54 mm	SWL* 750 kg	SWL* 525 kg	1 500 kg

*SWL : Safe Working Load.

Fixed eye	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	55 mm	**66671**	59 g	*N01210*	**66675**	60 g	*N11210*
Size 2	65 mm	**66672**	76 g	*N02210*	**66676**	74 g	*N12210*
Size 3	80 mm	**66673**	111 g	*N03210*	**66677**	114 g	*N13210*
Size 4-5	121 mm	**66674**	274 g	*N05210*	**66678**	247 g	*N15210*

Fixed eye/becket	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	66 mm	**66679**	66 g	*N01211*	**67137**	67 g	*N11211*
Size 2	76 mm	**66680**	84 g	*N02211*	**66684**	82 g	*N12211*
Size 3	92 mm	**66681**	119 g	*N03211*	**66685**	122 g	*N13211*
Size 4-5	125 mm	**66682**	274 g	*N05211*	**66686**	247 g	*N15211*

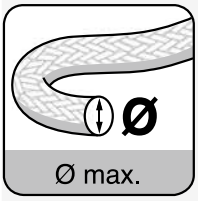
Swivel	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	73 mm	**66655**	67 g	*N01230*	**66659**	68 g	*N11230*
Size 2	80 mm	**66656**	84 g	*N02230*	**66660**	82 g	*N12230*
Size 3	100 mm	**66657**	119 g	*N03230*	**66661**	122 g	*N13230*
Size 4-5	130 mm	**66658**	274 g	*N05230*	**66662**	283 g	*N15230*

Swivel/becket	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	84 mm	**66663**	75 g	*N01231*	**66667**	84 g	*N11231*
Size 2	91 mm	**66664**	92 g	*N02231*	**66668**	91 g	*N12231*
Size 3	111 mm	**66665**	126 g	*N03231*	**66669**	111 g	*N13231*
Size 4-5	141 mm	**66666**	300 g	*N05231*	**66670**	141 g	*N15231*

Upright (Ø 5 mm screws)	Length		Weight	*Barton model*
Size 1	53 mm	**66687**	89 g	*N01250*
Size 2	63 mm	**66688**	110 g	*N02250*
Size 3	75 mm	**66689**	171 g	*N03250*
Size 4	92 mm	**66690**	318 g	*N04250*

Stanchion	Length		Weight	*Barton model*
Size 2	95 mm	**66977**	98 g	*N02290*

Triple blocks



Size	Sheave Dimensions	Plain sheave	Ball bearings	Break load
Size 1 : Ø 8 mm	12 x Ø 30 mm	SWL* 355 kg	SWL* 245 kg	710 kg
Size 2 : Ø 8 mm	11 x Ø 35 mm	SWL* 370 kg	SWL* 260 kg	740 kg
Size 3 : Ø 10 mm	13 x Ø 45 mm	SWL* 400 kg	SWL* 270 kg	800 kg
Size 4-5 : Ø 12 mm	17 x Ø 54 mm	SWL* 750 kg	SWL* 525 kg	1 500 kg

*SWL : Safe Working Load.

Fixed eye	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	54 mm	**66707**	80 g	*N01310*	**66711**	81 g	*N11310*
Size 2	76 mm	**66708**	115 g	*N02310*	**66712**	114 g	*N12310*
Size 3	80 mm	**66709**	142 g	*N03310*	**66713**	145 g	*N13310*

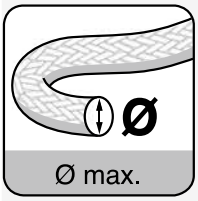
Fixed eye/becket	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	63 mm	**66715**	86 g	*N01311*	**66719**	87 g	*N11311*
Size 2	85 mm	**66716**	121 g	*N02311*	**66720**	120 g	*N12311*
Size 3	91 mm	**66717**	150 g	*N03311*	**66721**	153 g	*N13311*

Swivel	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	73 mm	**66691**	89 g	*N01330*	**66695**	90 g	*N11330*
Size 2	80 mm	**66692**	108 g	*N02330*	**66696**	105 g	*N12330*
Size 3	100 mm	**66693**	162 g	*N03330*	**66697**	165 g	*N13330*
Size 4-5	150 mm	**66694**	490 g	*N05330*	**66698**	475 g	*N15330*

Swivel/becket	Length		Weight	*Barton model*		Weight	*Barton model*
Size 1	84 mm	**66699**	96 g	*N01331*	**66703**	84 g	*N11331*
Size 2	91 mm	**66700**	116 g	*N02331*	**66704**	91 g	*N12331*
Size 3	111 mm	**66701**	170 g	*N03331*	**66705**	111 g	*N13331*
Size 4-5	173 mm	**66702**	513 g	*N05331*	**66706**	498 g	*N15331*

Wire rope blocks : see page 271

Fiddle blocks



Size	Sheave dimensions	Plain sheave	Ball bearings	Break load
Size 2 : Ø 8 mm	11 x Ø 35 mm	SWL* 370 kg	SWL* 260 kg	740 kg
Size 3 : Ø 10 mm	13 x Ø 45 mm	SWL* 400 kg	SWL* 270 kg	800 kg
Size 4-5 : Ø 12 mm	17 x Ø 54 mm	SWL* 750 kg	SWL* 525 kg	1 500 kg

*SWL : Safe Working Load.

Swivel	Length		Weight	*Barton model*		Weight	*Barton model*
Size 2	134 mm	**66728**	97 g	*N02430*	**66731**	95 g	*N12430*
Size 3	150 mm	**66729**	154 g	*N03430*	**66732**	157 g	*N13430*
Size 4-5	185 mm	**66730**	300 g	*N05430*	**66733**	278 g	*N15430*

Swivel/becket	Length		Weight	*Barton model*		Weight	*Barton model*
Size 2	145 mm	**66734**	105 g	*N02431*	**66737**	103 g	*N12431*
Size 3	158 mm	**66735**	161 g	*N03431*	**66738**	164 g	*N13431*
Size 4-5	209 mm	**66736**	318 g	*N05431*	**66739**	296 g	*N15431*

Snap shackle	Length		Weight	*Barton model*
Size 2	142 mm	**66740**	131 g	*N12440*
Size 3	161 mm	**66741**	144 g	*N13440*
Size 4-5	200 mm	**66742**	340 g	*N15440*

Snatch blocks

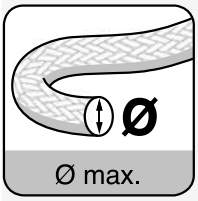
Snatch blocks

Model	Ref.	Construction	Rope Ø	Sheave Ø	SWL*	Breakload
Snatch block + snaphook	**14643**	Stainless steel	12 mm	35 mm	400 kg	800 kg
	16817	Stainless steel	16 mm	48 mm	800 kg	1100 kg

Lightweight snatch blocks

Sheave Ø	Rope Ø	Block + snaphook	SWL*	Breakload
45 mm	10 mm	**25434**	95 kg	190 kg
57 mm	12 mm	**25435**	230 kg	460 kg

Cam blocks



Size	Sheave dimensions	Plain sheave	Ball bearings	Break load
Size 2 : Ø 8 mm	11 x Ø 35 mm	SWL* 370 kg	SWL* 260 kg	740 kg
Size 3 : Ø 10 mm	13 x Ø 45 mm	SWL* 400 kg	SWL* 270 kg	800 kg
Size 4-5 : Ø 12 mm	17 x Ø 54 mm	SWL* 750 kg	SWL* 525 kg	1 500 kg

*SWL : Safe Working Load.

Single block

Swivel/becket/cam	Length		Weight	*Barton model*		Weight	*Barton model*
Size 2	100 mm	**66743**	156 g	*N02531*	**66746**	157 g	*N12531*
Size 3	115 mm	**66744**	162 g	*N03531*	**66747**	165 g	*N13531*
Size 4-5	153 mm	**66745**	220 g	*N05531*	**66748**	206 g	*N15531*

Fiddle block

Swivel/becket/cam	Length		Weight	*Barton model*		Weight	*Barton model*
Size 2	145 mm	**66749**	215 g	*N02631*	**66752**	220 g	*N12631*
Size 3	165 mm	**66750**	222 g	*N03631*	**66753**	227 g	*N13631*
Size 4-5	209 mm	**66751**	469 g	*N05631*	**66754**	449 g	*N15631*

Fiddle block

Snap shackle/becket/cam	Length		Weight	*Barton model*		Weight	*Barton model*
Size 2	150 mm	**66755**	215 g	*N02641*	**66758**	217 g	*N12641*
Size 3	170 mm	**66756**	250 g	*N03641*	**66759**	254 g	*N13641*
Size 4-5	215 mm	**66757**	568 g	*N05641*	**66760**	553 g	*N15641*

Classic wooden blocks

An elegant combination of performance engineering and classic design : manufactured in the UK from traditional ash wood with a high gloss marine varnish finish.

Technical construction inside features Delrin ball bearings, Torlon needle bearings, gun metal shaded sheaves and solid brass fitings.

A classic collection for mariners who care for vintage crafts or patrimonial vessels.

This range includes single, double or triple blocks, with fixed eye, swivel and becket fixture combinations.

Available on special order : ask our Sales Team for more info.

Barton MARINE

High load blocks

- High grade marine quality aluminium, grey anodised for durability.
- Sheaves are turned from a solid Ertalyte bar and run on a large diameter centre bearing for easy running under high load.

Ref.	Rope Ø	Sheave Ø	Sheave width	Dimensions Length x width	Weight	SWL*	Breakload
46528	12 mm	50 mm	15 mm	116 x 50 mm	146 g	500 kg	1000 kg
46529	16 mm	65 mm	18 mm	142 x 65 mm	267 g	800 kg	1600 kg
46530	18 mm	85 mm	21 mm	185 x 85 mm	551 g	1500 kg	3000 kg

* SWL : Safe Working Load.

St. steel S-hooks

S-hook, plain or with latch.

- Pin Ø : 6 mm.
- Height : 73 mm.
- Useful width : 19 mm.

*Plain S-hook : **46533***

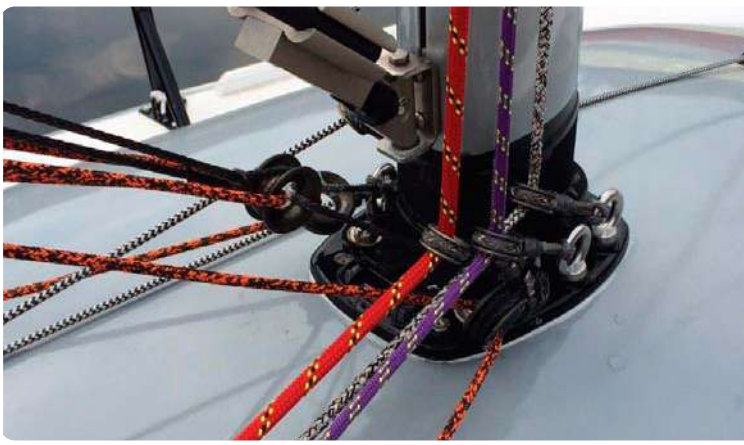
*• S-hook with latch : **46534***

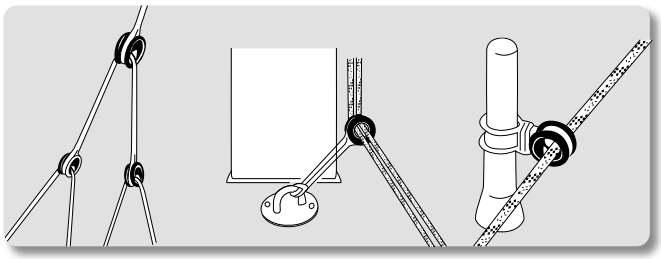
Control line eyes

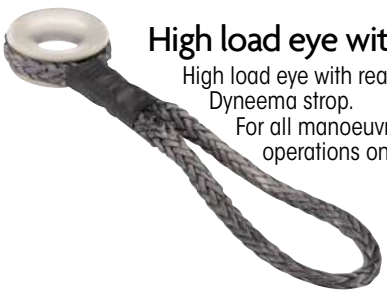
High load eye

Lightweight eye in marine grade grey anodised alumunium.
Deflects control lines.
Also suitable for a variety of uses on board (lazy jacks, barber haulers, mast base tidys).
Easy to install with a high resistance rope.

Rope Ø	Ref.	Int. Ø	Ext. Ø	Weight
3 mm	**61062**	6 mm	12 mm	0.9 g
4 mm	**64518**	9 mm	18 mm	3 g
6 mm	**61063**	12 mm	26 mm	5 g
10 mm	**61064**	16 mm	38 mm	24 g
12 mm	**61065**	22 mm	52 mm	52 g
16 mm	**61066**	28 mm	65 mm	104 g







High load eye with Dyneema strop

High load eye with ready-to-use Dyneema strop.
For all manoeuvring operations on deck.

Dyneema strop Ø	Ref.	Int. eye Ø	SWL*
6 mm	**61067**	12 mm	700 kg
12 mm	**61068**	22 mm	1500 kg
16 mm	**61069**	28 mm	2500 kg

* Safe Working Load

Clutches & deck organisers

Barton MARINE

A

B

C

Line clutches

Rope capacity : 12 mm max.

	Model	Ref.	Length	Height	Width	Weight	SWL*
A	Single clutch	**186810**	133 mm	68 mm	38 mm	343 g	550 kg (with rope Ø 12 mm)
B	Double clutch	**56992**	133 mm	68 mm	65 mm	544 g	
C	Triple clutch	**56993**	133 mm	68 mm	91 mm	754 g	

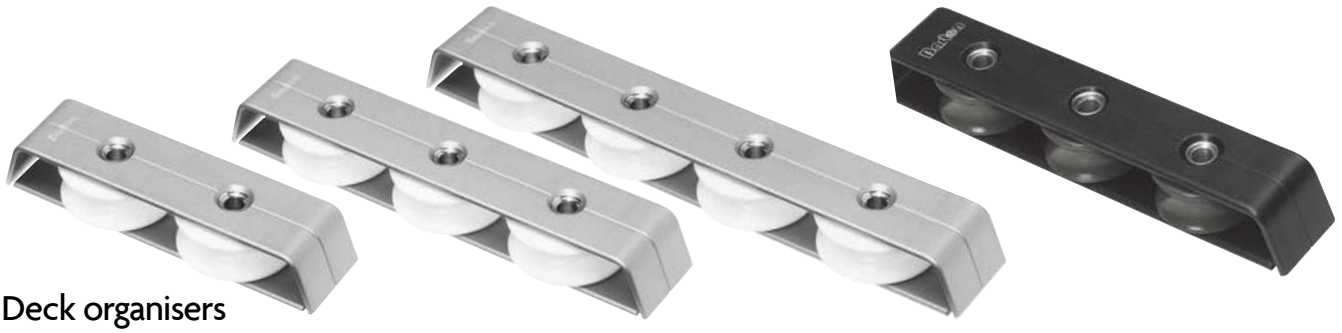
*SWL : Safe Working Load

Option

- ***Printed clutch handle inserts***

186811

Printed removable inserts for clutch labelling. Pack of 7 inserts with the following mentions : Main, Genoa 1, Spin Halyard 1, Topping Lift, Spin pole up, Spin pole down + 1 blank insert.



Deck organisers

Ø max.	Sheaves	Anodised ref.	Black anodised ref.	Sheave dimensions	Organiser dimensions (L x W x H)	Weight	Fastening screws	Hole centres
12 mm	x 2	**10604**	**10604B**	Ø 32 x 17 mm high	115 x 28 x 25	108 g	Ø 6	43
	x 3	**10605**	**10605B**		157 x 28 x 25	155 g	Ø 6	43
	x 4	**10606**	**10606B**		200 x 28 x 25	200 g	Ø 6	43
14 mm	x 2	**14503**	**14503B**	Ø 44 x 18 mm high	148 x 38 x 28	205 g	Ø 8	58
	x 3	**14504**	**14504B**		205 x 38 x 28	290 g	Ø 8	58
	x 4	**14505**	**14505B**		262 x 38 x 28	378 g	Ø 8	58

Dimensions en mm.

Textile clutches Constrictor®

Three times lighter, twice the breaking load of conventional metal clutches, Constrictor® opens a new era for sailing deck hardware for racing and cruising. Extremely simple and totally efficient, this system uses the principle of squeezing capacity offered by braided sleeves. As the line comes under load it is instantly squeezed by the Aramid Technora® sock. The more the tension, the more it holds. The rope is not pressed between two metallic parts as with conventional clutches : It is not distorted, subject to wear or chafe. It is released by simply retracting the sleeve, which is easy even under heavy load.

Photos taken on the mini 6.50 of Antoine Perrin - Plastimo product manager - involved in the Mini-Transat 2019 on the boat n° 850.

Built-in textile clutches Constrictor® to pass through bulkhead.

Spare parts

Spare parts kit for Constrictor® :

Includes :

- *A specifically designed braided Black Technora® high tenacity jacket.*
- *A Dyneema® release drawstring.*
- *Draw shock cord.*
- *Titanium cone.*

Ref. Spare parts kit	*Pour modèle*	*Ref.*
67265	*Constrictor® 6*	*67255*
	Built-in Constrictor® 6	*67260*
67266	*Constrictor® 8*	*67256*
	Built-in Constrictor® 8	*67261*
67267	*Constrictor® 10*	*67257*
	Built-in Constrictor® 10	*67262*
67268	*Constrictor® 12*	*67258*
	Built-in Constrictor® 12	*67263*
67269	*Constrictor® 14*	*67259*
	Built-in Constrictor® 14	*67264*

					Metal holding base dimensions					
Ref.	**Model**	**Break load**	**Weight**	**Sleeve's length**	**Width**	**Length**	**Height**	**Hole spacing min**	**Hole spacing max**	**Ø screws**
67255	Constrictor® 6	750 (Ø6) – 450 (Ø5) daN	155 g	55 cm	25 mm	115 mm	45 mm	70 mm	90 mm	8 mm
67260	Built-in Constrictor® 6				-	-	-	-	-	-
67256	Constrictor® 8	1150 (Ø8) – 700 (Ø6) daN	160 g	60 cm	25 mm	115 mm	45 mm	70 mm	90 mm	8 mm
67261	Built-in Constrictor® 8				-	-	-	-	-	-
67257	Constrictor® 10	2200 (Ø10) – 1200 (Ø8) daN	165 g	60 cm	25 mm	115 mm	45 mm	70 mm	90 mm	8 mm
67262	Built-in Constrictor® 10				-	-	-	-	-	-
67258	Constrictor® 12	2800 (Ø12) – 1500 (Ø10) daN	335 g	75 cm	36 mm	126 mm	58 mm	70 mm	90 mm	10 mm
67263	Built-in Constrictor® 12				-	-	-	-	-	-
67259	Constrictor® 14	3700 (Ø14) – 1800 (Ø12) daN	345 g	75 cm	36 mm	126 mm	58 mm	70 mm	90 mm	10 mm
67264	Built-in Constrictor® 14				-	-	-	-	-	-

Sail handling accessories

Block the rope securely and take the stress out of tying knots. A great advantage when novice sailors are aboard or when you need quick hold or rapid removal of lines. Securely hold fenders, tender and painter lines, RIBs, buckets, boat gear and equipment…

A

B

C

Quick Cleats

Max. rope Ø 10 mm.
Standard model in Zytel® nylon composite or **heavy duty version in 316 stainless steel** suitable when increased resistance is required, including professional and workboat applications.

	Ref.	Line Ø	Material	SWL
A	**67727**	6 mm max.	Zytel® resin	30 kg
B	**67729**	6 - 10 mm	Zytel® resin	70 kg
C	**67730**	6 - 10 mm	316 st. steel	540 kg

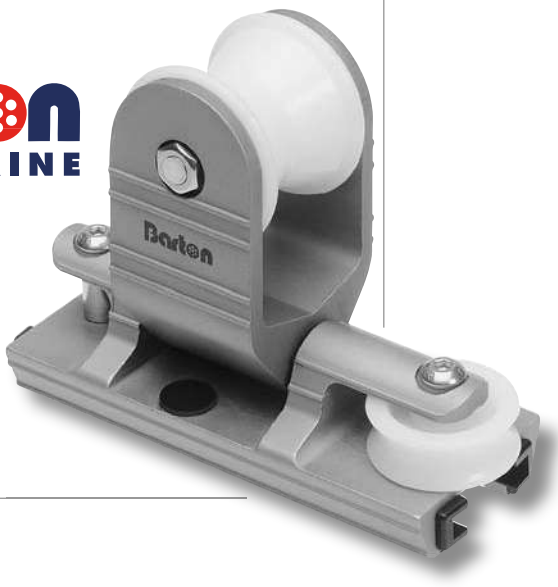
Quick Cleat for RIBs and inflatables

67728

Specific version for Hypalon® tenders and inflatables.
Cleat has same features as ref. 67727 model in Zytel® and comes on a Ø 100 mm Hypalon® pad that can be glued on the RIB tube.

- Multi-weather adhesive tested up to +45° C.
- Max. rope Ø 6 mm.
- SWL : 30 kg.

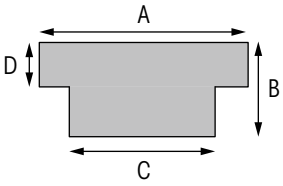
Genoa cars & sliders



A lightweight and compact range of genoa cars and sliders, suited for a wide variety of applications on larger dinghies, dayboats and light cruising/racing boats.

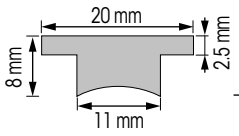
Precision turned Ertalyte sheaves are kind to ropes.
Large diameter sheave bearings ensure free running under high loads.
Tracks made out of extruded aluminium.

T-tracks



A	B	C	D	Screw Ø	Fastening centres	Plunger hole centres
20 mm	8 mm	11 mm	2.5 mm	5 mm	100 mm	50 mm
25 mm	10 mm	14 mm	4 mm			
32 mm	15 mm	20 mm	5 mm			

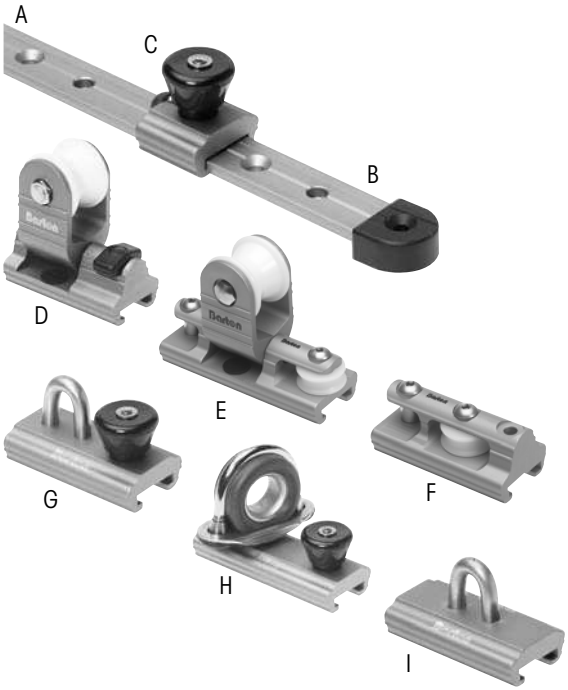
20 mm T-tracks



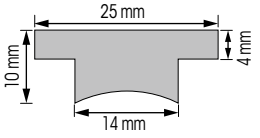
	Description		Ref.
A	Genoa track	0.60 m	**180995**
		1.20 m	**31599**
		1.80 m	**31600**
		2.40 m	**31601**
B	Plastic track-end stop		**31602**
C	Plunger stop		**181011**

	Description	Ref.	SWL*	Break load
D	Genoa car	**31593**	580 kg	1160 kg
E	Towable genoa car + block	**31595**	580 kg	1160 kg
F	Towable car end fitting + becket	**36010**	-	-
G	Genoa slide	**31596**	600 kg	1200 kg
H	Bullseye slide	**31597**	-	-
I	Mainsail slide	**181006**	600 kg	1200 kg

*SWL : Safe Working Load.



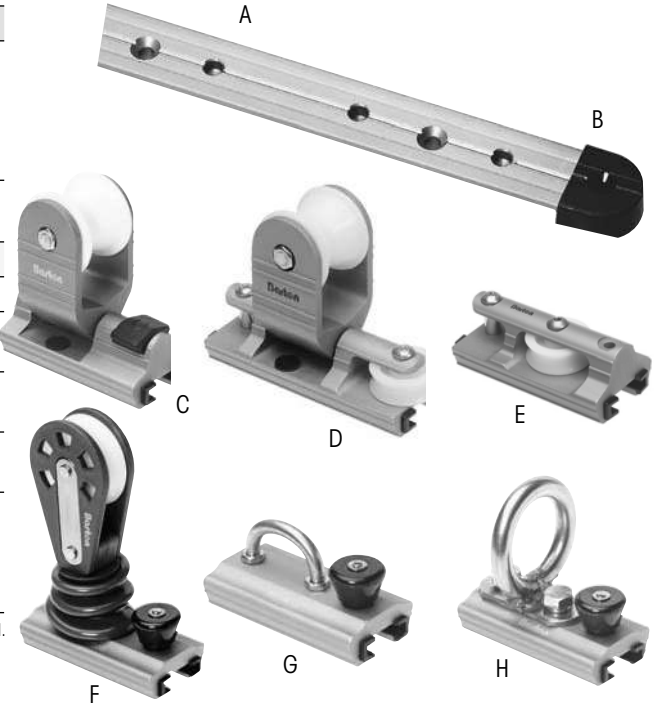
25 mm T-tracks



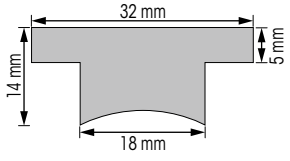
	Description		Ref.
A	Genoa track	0.60 m	**13803**
		1.20 m	**13804**
		1.80 m	**13805**
		2.40 m	**13806**
B	Plastic track-end stop		**14384**

	Description	Ref.	SWL*	Break load
C	Genoa car	**10597**	1140 kg	2280 kg
D	Towable genoa car + block	**31603**	650 kg	1180 kg
E	Towable car end fitting + becket	**31604**	-	-
F	Stand-up block 12 mm rope	**14380**	490 kg	980 kg
G	Genoa slide with loop	**14345**	1430 kg	2860 kg
H	Spinnaker pole slide with plunger Eye int. Ø 28 mm	**14347**	-	-

*SWL : Safe Working Load.



32 mm T-tracks

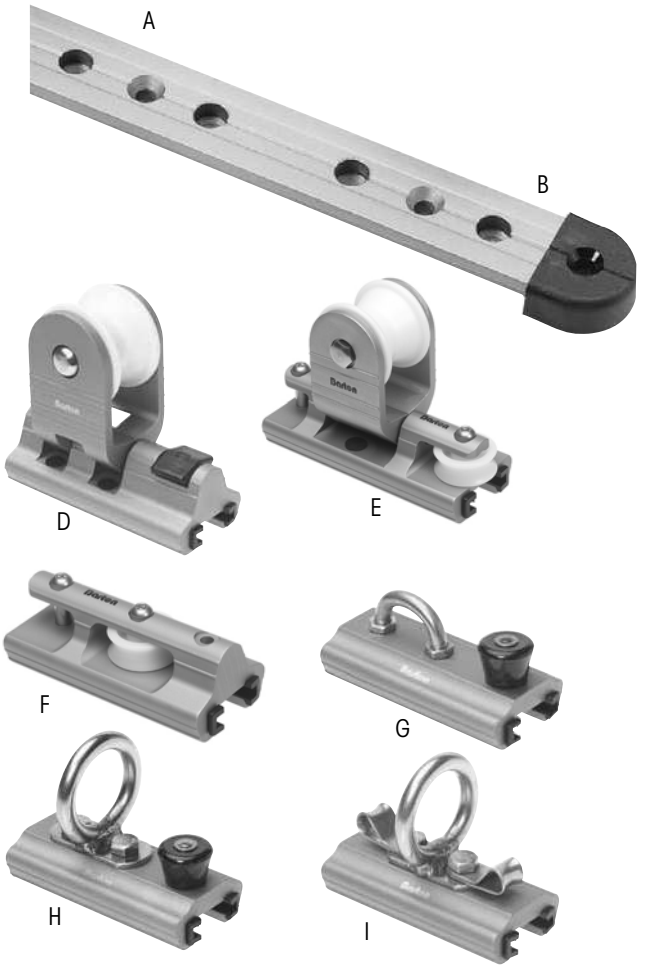


	Description		Ref.
A	Standard genoa car	2.40 m	**13812**
B	Plastic track-end stop		**14385**

	Description	Ref.	SWL*	Break load
-	Standard genoa car	**10598**	1640 kg	3280 kg
D	Heavy duty genoa car	**14354**	2985 kg	5970 kg
E	Towable genoa car + block 2 x 16 mm rope	**21982**	1640 kg	3280 kg
F	Towable car end fitting + becket	**31606**	-	-
G	Genoa slide with loop	**14346**	1490 kg	2980 kg
H	Spinnaker pole slide with plunger Eye int. Ø 30 mm	**14348**	-	-
I	Towable spinnaker pole slide Eye int. Ø 30 mm	**36012**	-	-

*SWL : Safe Working Load.

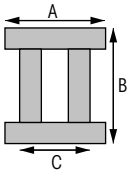
32 mm cars are compatible with 32 mm Goïot or Amiot tracks.



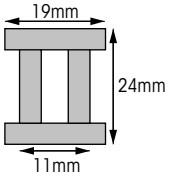
I-tracks

A comprehensive range of traveller systems suitable for use on dinghies, dayboats and light cruising yachts.

Tracks made out of extruded aluminium with a hollow section for light weight and high load capacity.

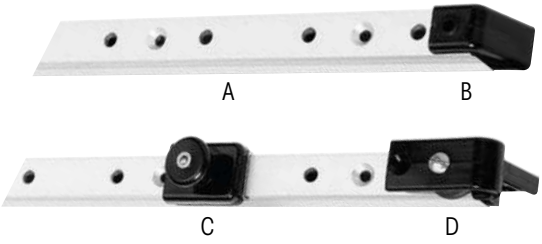


Max. boat length	A	B	C	Screw Ø	Fastening centres	Plunger hole centres
7 m	**19 mm**	24 mm	11 mm	5 mm	100 mm	50 mm
10.50 m	**24 mm**	28 mm	16 mm			



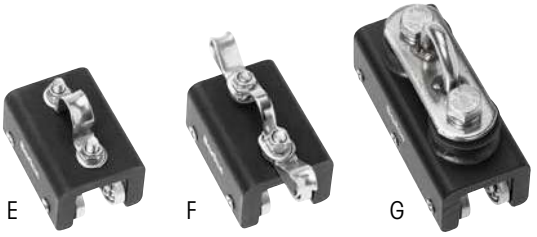
19 mm I-tracks

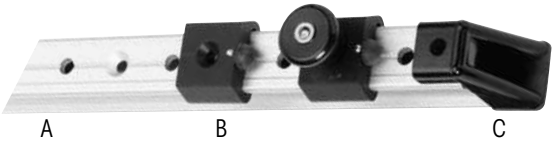
	Description	Ref.
A	**1.20 m track** **1.80 m track**	**180921** **180922**
B	**Plastic track end** Sold in pairs	**180932**
C	**Adjustable plunger stop**	**180931**
D	**End fitting with horizontal sheave**	**180933**

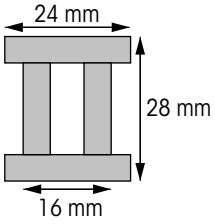


	Description	Ref.	SWL*	Break load
E	**Traveller car + becket** **4 st.steel plain wheels**	**180926**	600 kg	1200 kg
F	**Traveller car + becket +** **control line eyes. 4 st.steel** **captive bearing ball wheels**	**180927**	600 kg	1200 kg
G	**Traveller car + becket. 6 st.steel** **captive bearing ball wheels**	**180930**	1120 kg	2240 kg

*SWL : Safe Working Load.





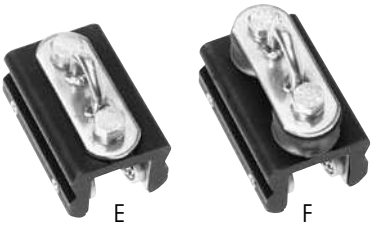


24 mm I-tracks

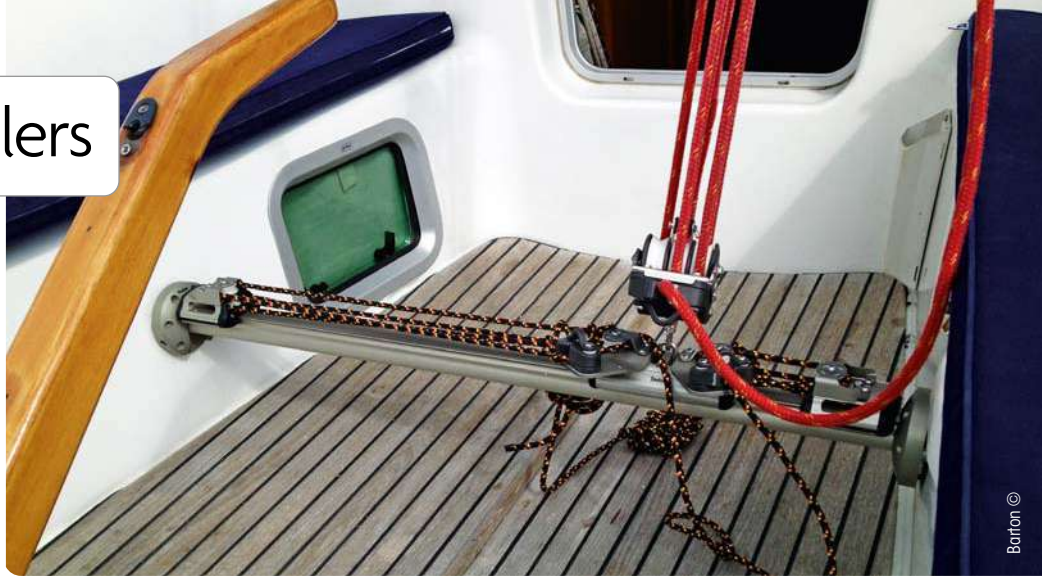
	Description	Ref.
A	**1.80 m track**	**181074**
B	**Adjustable plunger stop.** Sold in pairs	**181084**
C	**Adjustable plunger stop.** Sold in pairs	**181085**
D	**End fitting with horizontal sheave + cleat** Sold in pairs	**181082**

	Description	Ref.	SWL*	Break load
E	**Traveller car + becket. 4 st.steel plain wheels** Option : Plunger stop 181084	**181078**	1280 kg	2560 kg
F	**Traveller car + becket + control line sheaves** **4 st.steel captive bearing ball wheels** Option : End fitting with horizontal sheave + cleat 181082	**181079**	1280 kg	2560 kg

*SWL : Safe Working Load.



Mainsail travellers



Removable traveller system - complete kit

Adaptable system, **make the mainsheet track removable.**

Suitable for boats up to 11 m (36 ft), these kits are designed to :
- mount a mainsheet track system spanning between the cockpit seats when sailing,
- remove the track system to ensure cockpit space is not compromised when you want to relax on board.

Kit includes :
1 m beam track, 2 end fittings, 2 control line sheaves, one traveller with cleat plate assembly, 2 end discs.

2 disc-plates remain fixed in the cockpit and make the whole track assembly removable.

Installation could not be simpler : end plates are bolted either side of the cockpit wall and the track is slid into these plates, which automatically lock. To remove the mainsheet track, you just push in the locking pin on either side and slide it out of the way.

Boat	Size	Ref. complete kit
8.5 m max	Size 1 : beam track 20 x 12 mm (W x H), screws Ø 5 mm	**61799**
11 m max	Size 2 : beam track 26 x 16.5 mm (W x H), screws Ø 6 mm	**61800**

Clever see-through packaging allows an easy identification of the elements.

Packaged mainsail traveller systems

Ball-bearing mainsail traveller systems, proposed in a ready-to-use system kit. Complete with fitting instructions.

Boat	Track	Ref.	Gear ratios	Traveller car	Track-end fittings	Angled control line cleats	Traveller car with cleats	Control line blocks	Track end caps
8,50 m maxi	**1.40 m**	**186331**	2:1	✔	✔	✔	-	-	✔
		186333	4:1	✔	✔	-	✔	2 pairs	✔
11m maxi	**1.60 m**	**186334**	2:1	✔	✔	✔	-	-	✔
		186336	4:1	✔	✔	-	✔	2 pairs	✔

Cleats

Polyamide

Sheet cleat

Ref.	A mm	B mm	C mm	D mm	E mm
16881	150	24	14	35	6

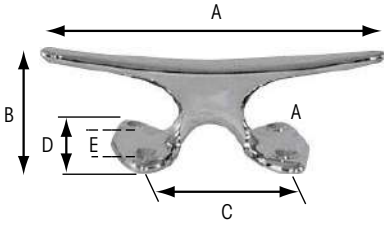
Open base cleat

Ref.	Length mm	Hole spacing mm	Ø screws mm
181282	100	28	4
181283	130	36	4
181284	170	43	5
181285	210	50	6
181286	245	76	8

Open base cleat

Black	White	Length mm	Hole spacing mm	Ø screws mm
43378	**43377**	60	19	3
43381	**43380**	80	22	4
43384	**43383**	110	28	5
43387	**43386**	145	35	6
43390	**43389**	180	45	7
43393	**43392**	210	52	8

Chrome-plated brass

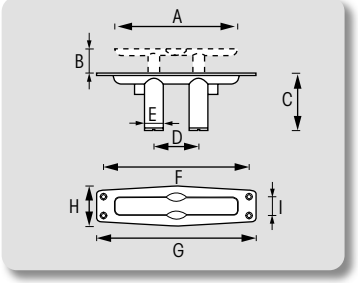


Screw-type cleats

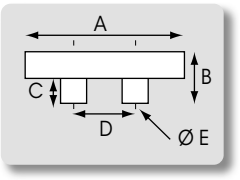
	Ref.	A mm	B mm	C mm	D mm	E mm
A	**400789**	50	18	18	18	11
	400788	75	25	29	29	16
	400786	100	30	35	32	20
	400785	130	35	38	34	22
B	**412958**	150	28	51	53	39
	408492	200	36	70	68	50
C	**417985**	125	30	45	45	32
	417984	150	36	55	53	38
	417983	200	43	75	60	40
	417982	250	46	95	68	50

Deck-hugging cleat

Ref.	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	I mm
402380	150	30	70	55	23	178	195	49	23



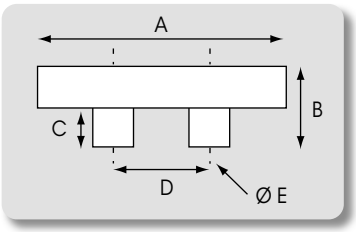
Aluminium



Sheet cleat

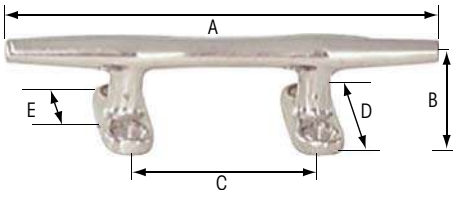
Ref.	A	B	C	D	E
61731	150 mm	23 mm	12 mm	45 mm	6 mm
61733	180 mm	30 mm	16 mm	45 mm	8 mm

Mooring cleats



Drilled Aluminium	Drilled Black	Threaded Aluminium	A mm	B mm	C mm	D mm	E mm
photo A	-	photo B					
61726	-	**61732**	160	30	20	35	6
61727	-	**61734**	200	45	30	50	8
61728	-	**61735**	260	55	35	65	8
61729	-	**61736**	330	60	40	80	10
61730	-	**61737**	450	70	45	75	10
Photo C	Photo D	-					
58391	**58392**	-	280	52	36	65	8
58393	**58394**	-	350	62	40	80	8
58489	**58490**	-	450	80	50	100	12

Stainless steel



Open base st. steel cleat

Ref.	A	B	C	D	E
401710	102 mm	30 mm	52 mm	42 mm	28 mm
401711	126 mm	29 mm	54 mm	39 mm	25 mm
13784	152 mm	31 mm	75 mm	45 mm	28 mm
13785	203 mm	40 mm	71 mm	53 mm	32 mm
13786	254 mm	50 mm	93 mm	68 mm	55 mm
401728	304 mm	55 mm	100 mm	70 mm	50 mm

Wood

Wood and chrome-plated brass bollard

Threaded base, M8 fitting.

Ref.	Length	Base width	Height	Hole spacing
400415	138 mm	32 mm	40 mm	90 mm
400414	170 mm	40 mm	50 mm	110 mm

Teak and chrome-plated bronze bollard

Ref.	Teak bar		Chrome-plated holder		*Spares*	
	Length	Bar Ø	Overall Height	Holder base Ø	*Teak bar*	*Holder*
13787	250 mm	29 mm	63 mm	46 mm	***13793***	***13789***
13788	350 mm	39 mm	100 mm	65 mm	-	***13790***

Camcleats

Polyamide camcleat

Sheet Ø	Ref.	Hole spacing	Ø screws
10 mm	**181437**	30 mm	4 mm
6-12 mm	**181438**	40 mm	5 mm
10-14 mm	**181439**	50 mm	5 mm

K-cam, Kevlar camcleat

The ultimate hard wearing, high load, lightweight camcleats, "K"-cleats are manufactured from a Kevlar/Zytal composite. The tooth design allows for easy rope entry and high high load capacity.

Sheet Ø	Ref.	Hole spacing	Fastening screws
10 mm	**27522**	30 mm	4 mm
6 - 12 mm	**27523**	40 mm	5 mm
10 - 14 mm	**27524**	50 mm	5 mm

Accessories common to polyamide and Kevlar cleats

A. Top fairlead

Hoop-type fairlead : black composite top, stainless steel reinforced.

B. Roller-type front fairlead

Enables the cleat to be locked and released from a variety of angles. Rollers in stainless steel to prevent wear. Construction in black composite material and stainless steel.

For sheet Ø	*Top fairlead A*	*Roller front fairlead B*	*St. steel fairlead C*	*For "K"-camcleat*
10 mm maxi	***29381***	***29384***	***27531***	***27522***
6 - 12 mm	***29382***	***29385***	***27532***	***27523***
10 - 14 mm	***29383***	***29386***	***27533***	***27524***

Special cleats

Stanchion cleat

29476

A neat fitting designed to clamp over stanchions or pulpit/pushpit rails.
Accepts stanchions or rails from 20 to 30 mm diameter.
Sturdy construction : stainless steel and glass reinforced polyamide.
Fits in seconds without any modification to the stanchion.
Length of cleat : 111 mm.

Shroud cleat

Designed to clamp over wires up to Ø 8 mm.

	Ref.	Description
A	**14353**	For flag halyards etc.
B	**181278**	Features an eye opening for stowage of halyard shackles.

Sliding track mounting cleat

For 25 mm "T" tracks.

Cleat type	Ref.	Length	Track
Polyamide	**14349**	165 mm	25 mm
	14350	200 mm	25 mm

Fairleads

Stainless steel fairleads

A

B

	Version	Ref.	Length	Hole centres	Rope Ø	Screw Ø
A	**Straight**	**413261**	126 mm	99 mm	20 mm	4 mm
		413262	151 mm	125 mm	30 mm	5 mm
B	**Handed***	**478132**	115 mm	85 mm	26 mm	4 mm
		478133	148 mm	102 mm	30 mm	6 mm

*Sold in handed port and starboard pairs

Anodised aluminium straight fairlead

Straight fairlead, equally suitable for port and starboard. (sold by the unit)

Ref.	Length	Hole centres	Rope Ø	Screw Ø
61724	140 mm	60/60 mm	15 mm	5 mm
61725	170 mm	75/75 mm	20 mm	6 mm

Chromed brass fairleads

A

B

	Version	Ref.	Length	Hole centres	Rope Ø	Screw Ø
A	**Straight inclined**	**400078**	110 mm	67 mm	14 mm	4 mm
B	**Handed***	**400705**	110 mm	85 mm	12 mm	4 mm
		401608	150 mm	124 mm	18 mm	4 mm
		401609	200 mm	165 mm	22 mm	5 mm
		401612	250 mm	207 mm	25 mm	6 mm
		401615	300 mm	120 mm	32 mm	14 mm

*Sold in handed port and starboard pairs

Polyamide handed fairleads

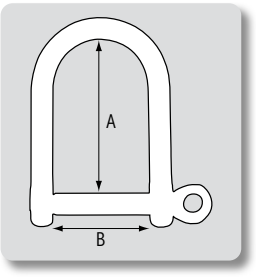
Ref.	Length	Hole centres	Rope Ø	Screw Ø
44417	120 mm	94 mm	12 mm	4 mm
44420	150 mm	125 mm	16 mm	5 mm

Sold in handed port and starboard pairs.

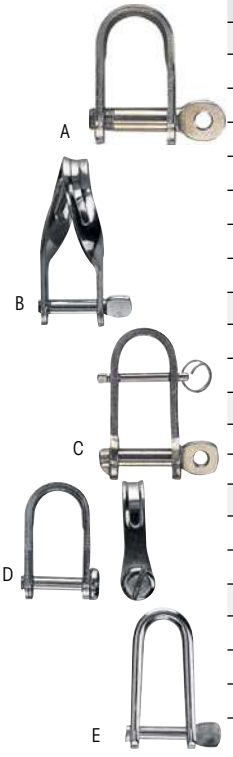
Shackles

St. steel shackles

Dimensions in mm
Loads in kg
SWL : Safe Working Load



Flat shackles, 304 AISI st. steel



Ø	Ref.	A	B	Break load	SWL	
A - D-shape						
5	**16752**	15	10	500	250	2 (x2)
5	**16760**	17	12	1000	500	2
5	**16762**	24	16	1000	500	2
5	**16761**	25	13.5	1200	500	2
5	**16763**	36	16	1200	500	2
6	**13682**	25	15	2000	830	2
8	**13683**	30	20	3000	1250	2
B - Twisted						
5	**16758**	33	12	1200	500	2
6	**13693**	38	14	2000	830	2
C - With bar						
6	**13688**	48	18	1500	625	2
8	**13689**	44	20	2000	830	2
D - With screw-type pin						
4	**13690**	15	11	600	250	2 (x2)
5	**13691**	24	14	1000	500	2
E - Automatic						
5	**16759**	36	15	1200	500	2
6	**13687**	48	18	1200	500	2
8	**13686**	44	20	2700	1000	2

With captive pin

Features two threads : one to introduce the pin into the shackle, and the second to close the shackle.
When you open the shackle, the pin drops onto the second thread.
The only possible way to remove the pin is to unscrew it completely, hence a very limited risk of losing the pin.

Ø	Ref.	A	B	Break load	SWL	
A - D-schackle, standard						
4	**16738**	15	8	1050	450	2 (x2)
5	**16739**	17	10	1500	600	2
6	**16740**	19	12	1800	1000	2
8	**16741**	30	16	4300	1700	2
10	**16742**	33	20	5700	2500	2
12	**25692**	40	24	8000	3800	2
B - With captive pin						
4	**16743**	30	8	1000	400	2
5	**16744**	38	10	1500	600	2
6	**16745**	45	12	1800	900	2
8	**16746**	58	16	4300	1700	2
10	**25691**	70	20	5700	2500	2
C - Bow						
5	**422108**	20	10	1000	250	10
6	**422109**	24	12	1500	375	10
8	**422113**	32	16	2900	725	10
10	**422125**	40	20	4300	1075	10
12	**422137**	48	24	6000	1500	5

Forged shackles, 316 AISI st. steel

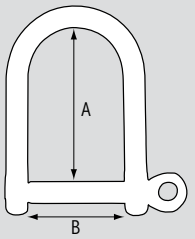
Ø	Ref.	A	B	Break load	SWL	
A - D-shape						
4	**29749**	14	8	800	160	2 (x2)
5	**29750**	17	10	1200	250	5
6	**29751**	21	12	1600	375	5
8	**29752**	28	16	2800	625	2
10	**29753**	35	20	4500	1000	2
12	**29754**	42	24	6800	1500	2
16	**29755**	48	28	12000	2750	1
B - Long						
4	**29756**	30	8	800	160	2 (x2)
5	**29757**	37	10	1200	250	2
6	**29758**	45	12	1600	375	2
8	**29759**	60	16	2800	625	2
10	**29760**	75	20	4500	1000	2
C - Bow						
4	**29766**	16	8	800	160	5 (x2)
5	**29767**	20	10	1200	250	5
6	**29768**	24	12	1600	375	5
8	**29769**	32	16	2800	625	5
10	**29770**	40	20	4500	1000	5
12	**29771**	48	24	6800	1500	1
14	**400640**	48	28	9450	2100	2
16	**29772**	64	32	12000	2750	1
20	**400575**	66	38	16800	3750	2
D - Automatic						
5	**16729**	37	14	1100	500	2 (x2)
6	**16730**	43	16	1400	700	2
8	**16731**	59	*21*	2600	800	2
E - Auto + bar						
5	**16802**	36	14	900	400	2
6	**16803**	43	16	1300	600	2
8	**16804**	59	21	2500	700	2
F - Twisted						
4	**29761**	23	8	800	160	2 (x2)
5	**29762**	28	10	1200	250	2
6	**29763**	33	12	1600	375	2
8	**29764**	44	16	2800	625	2
10	**29765**	55	20	4500	1000	2

Ø	Ref.	A	B	Break load	SWL	
G - Wide opening						
5	**25679**	35	20	1000	350	2 (x2)
6	**25680**	42	25	1400	500	2 (x2)
8	**25681**	55	32	3500	1000	2
10	**25682**	70	40	5200	1400	2
H - Shackle, allen head pin						
6	**25683**	19	12	1800	1000	2 (x2)
8	**25684**	30	16	4300	2000	2
10	**25685**	33	20	5700	2500	1
12	**25686**	40	24	8000	3800	2

Wichard

316 L st. steel

Dimensions in mm
Loads in kg
SWL : Safe Working Load



D-shackle

Ø	Ref.	A	B	Break load	SWL	
Self-locking						
4	**100710**	13	8	560	112	10
6	**100712**	20	12	1280	256	10
8	**100713**	26	16	2160	432	10
10	**100714**	33	20	3440	682	5
12	**100715**	39	24	4800	960	5
14	**415058**	47	28	6400	1280	1
Captive pin						
5	**401501**	16	10	1200	240	10
6	**401502**	20	12	1760	352	10
8	**401503**	26	16	2880	576	10
10	**401504**	33	20	4160	832	5
12	**401505**	39	24	5600	1120	5
High resistance						
12	**403704**	39	24	8000	1600	1
16	**416924**	56	32	15200	3040	1

Bow shackle

Ø	Ref.	A	B	Break load	SWL	
Self-locking						
4	**100716**	18	8	560	112	10
5	**100717**	23	10	800	160	10
6	**100718**	28	12	1200	240	10
8	**100719**	37	16	2160	432	10
10	**100720**	47	20	3440	688	5
12	**409471**	55	24	4800	960	5
16	**415076**	70	32	8800	1760	1
Captive pin						
4	**400650**	18	8	800	160	10
5	**400649**	23	10	1200	240	10
6	**400652**	27	12	1760	352	10
8	**400653**	37	16	2880	576	10
High resistance						
8	**403738**	37	16	3520	704	1
10	**403745**	47	20	6000	1200	1
12	**403746**	55	24	8000	1600	1
14	**416955**	63	28	11200	2240	1
16	**403747**	70	32	15200	3040	1
20	**403748**	80	40	22400	4480	1

Wide opening shackle

Ø	Ref.	A	B	Break load	SWL	
Self-locking						
5	**416914**	36	20	880	176	10
6	**416915**	42	25,5	1200	240	10
8	**416916**	57	32	2160	432	5
10	**416917**	72	40	3200	640	5

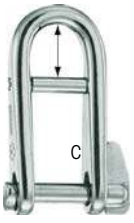
Long D-shackle

Ø	Ref.	A	B	Break load	SWL	
Self-locking						
4	**100725**	22	8	560	112	10
5	**400925**	29	10	800	160	10
6	**400926**	33	12	1280	256	10
8	**100728**	45	16	2160	432	10
Captive pin						
6	**401508**	46	12	1760	352	10

Twisted shackle

Ø	Ref.	A	B	Break load	SWL	
Self-locking						
5	**100721**	26	10	480	96	10
6	**100722**	30	12	600	120	10
8	**100723**	40	16	1000	200	10
10	**400923**	50	20	1440	288	5

Key pin shackle



Ø	Ref.	A	B	C	Break load	SWL	
No bar							
5	**100730**	37	13	-	880	176	10
6	**100731**	45	16	-	1200	240	10
8	**100732**	60	21	-	1840	368	10
With bar							
5	**100733**	37	13	12	960	192	10
6	**100734**	45	16	15	1360	272	10
8	**100735**	60	21	20	2000	400	10
HR* with bar							
5	**422200**	37	13	12	1200	240	10
6	**422201**	45	16	15	1760	352	10
8	**422202**	59	21	20	2560	512	10

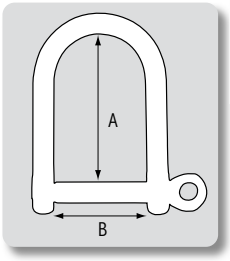
*HR shackles (High Resistance) are recommended for mainsail halyards.

Hex axis shackle

316 st. steel shackle. Hex axis.
Allen key locking.

Ø	Straight shackle	A	B		Bow shackle	A	B	
6	**422169**	42	25.5	5	**417032**	27	12	10
8	**100709**	26	16	10	**417034**	37	16	10
10	**402546**	33	20	5	**417035**	47	20	5
12	**422167**	39	24	5	**417038**	55	24	5

Galvanised steel shackles



Dimensions in mm
Loads in kg
SWL : Safe Working Load

Bow

Ø	Ref.	A	B	Break load	SWL
5	**55176**	19.5	10	320	80
6	**55177**	24	12	400	100
8	**55178**	32	16	800	200
10	**55179**	40	20	1300	320
12	**55180**	49	25	2000	520
14	**55181**	59	28	2800	650
16	**55182**	64	32	3200	800
20	**401542**	80	38	4400	1100
22	**401543**	85	44	6000	1500
28	**401545**	116	56	12000	3000
32	**401546**	129	64	14000	3500

D-shape

Ø	Ref.	A	B	Break load	SWL
5	**55169**	19	10	320	80
6	**55170**	24	12	400	100
8	**55171**	32	16	800	200
10	**55172**	40	20	1300	320
12	**55173**	48	25	2000	520
14	**55174**	56	28	2800	650
16	**55175**	64	32	3200	800

Shackle keys

316 stainless steel.
A : **16675**
B : **400848**

Shackles for harbour or marina equipment and beach marking buoys,up to 45 mm in size, for loads up to 35 tons : see page 198

Galvanised joining link

Wide-opening shackle links

Ø wire	Ref.	Open-ing	Useful load	Break load
5	**414134**	13	250	1250
6	**414135**	14.5	350	1750
8	**414136**	17.5	650	3250
10	**414137**	20.5	1000	5000

Shackle links

Ø wire	Ref.	Open-ing	Useful load	Break load
6	**414130**	7.5	400	2000
8	**414131**	11	700	3500
10	**414132**	12	1100	5500
12	**414133**	15	1500	7500
14	**413418**	17	2200	11000

316 st. steel link

Shackle links

Ø wire	Ref.	Open-ing	Useful load	Break load
3	**414633**	4	160	800
4	**400654**	5.5	280	1400
5	**400655**	6.5	450	2250
6	**400656**	7.5	650	3250
8	**400657**	11	1100	5500
10	**400658**	12	1800	9000
12	**400659**	15	2500	12500

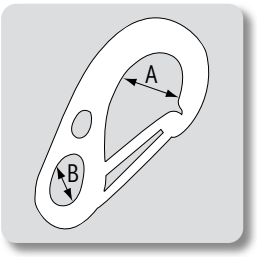
Wide-opening shackle link

Ø wire	Ref.	Open-ing	Useful load	Break load
4	**413222**	11.5	250	1250
5	**413223**	13	400	2000
6	**413224**	14.5	580	2900
7	**413225**	16	800	4000
8	**413226**	17.5	980	4900
10	**413227**	20.5	1600	8000

Delta shackle link

Ø wire	Ref.	Open-ing	Useful load	Break load
5	**414138**	6.5	325	1625
6	**414139**	7.5	450	2250
8	**414140**	10	770	3850
10	**414141**	12	1250	6250

Hooks

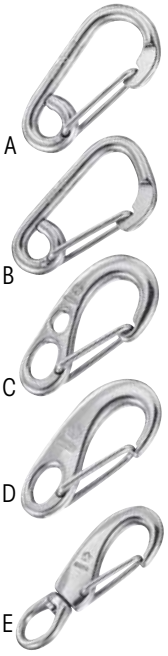


Dimensions in mm.
Loads in kg.
SWL : Safe Working Load.
HR : High Resistance.

316 st.steel carbine hooks

	Model	Ref.	Length	Stock Ø	Break load	SWL
A	Without eye	**29734**	50	5	500	75
		29735	60	6	600	138
		29736	70	7	650	158
		29737	80	8	750	188
		29738	100	10	1000	263
		29739	120	12	1150	375
B	With captive eye	**29740**	60	6	600	138
		29741	80	8	750	188
		29742	100	10	100	263
		29743	120	12	1150	375

St. steel snap hooks with eye



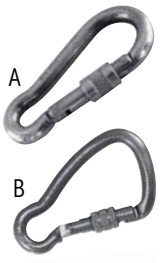
	Model	Ref.	Length	Ø A	Ø B	Stock Ø	Break load	SWL
A	Carbine, symmetric	**409783**	60	10	7	6	600	360
		409784	80	13	11	8	1300	880
		402491	100	15	13	10	2500	1200
		409785	120	21	16	12	3600	1360
B	Carbine, asymmetric	**409786**	60	11	7	6	800	400
		409787	80	15	11	8	1500	960
		409788	100	18	13	10	2500	1320
		409789	120	24	16	12	4500	1440
		409798	170	30	20	12	4500	1440
C	Safety snap hook in HR 17.4 Ph st. steel	**409781**	75	12	10	-	1600	880
		409782	100	17	14	-	4000	1680
D	Safety snap hook	**16714**	50	8	6	-	300	200
		16715	75	12	13	-	700	480
		16716	100	16	10	-	1500	1120
E	Swivel, 316 L st. steel forged	**403884**	70	8	13	-	300	200

316 st. steel carbine hooks

		Ref.	Length	Ø A	Ø B	Ø fil	Break load	SWL
A	Without eye	**401556**	50	7	8	5	120	-
		401557	60	8	8.5	6	120	-
		401558	72	10	10.5	7	180	-
		401559	80	10	11.5	8	800	200
		401560	103	15.5	14	10	1200	300
		401561	121	17	17	10.5	2000	500
B	With captive eye	**401562**	50	7	6	5	120	-
		401563	60	8	7	6	120	-
		401564	72	10	9	7	180	-
		401565	80	10	10	8	800	200
		401566	103	15.5	12	10	1200	300
		401567	121	17	15	10.5	2000	500
C	Without eye	**415839**	100	14	14	10	1200	300
		415840	120	20	17	11	2000	500

316 st. steel carbine hooks with screw sleeve

Model ref. 401594 is EC (EN362/B) certified.



	Model	Stock Ø	Ref.	Length	Ø A	Ø B	Break load	SWL
A	Symmetric	10	**401572**	100	11.5	15	1200	350
B	Asymmetric	11	**401594**	124	22	18	2800	700

Chrome plated snap hooks

	Model	Material	Ref.	Length
A	With fixed eye	Chromed bronze	**400639**	48
B	Swivel	Chromed bronze	**400633**	53

Galvanised steel asymmetric carbine hooks

Stock Ø	Ref.	Length	Ø A	Ø B	Break load
8	**408048**	85	18	12	900
10	**408049**	100	19	13	1700
11	**400681**	125	26	18	2200

Snap shackles

Dimensions in mm.
Loads in kg.
SWL : Safe Working Load.
HR : High Resistance.

Snap shackles with fixed eye

Material	Ref.	Length	Break load	SWL
A **Bronze**	**27036**	40	380	200
	27037	50	490	250
	27038	60	600	300
	27039	70	950	500
B **316 st. steel**	**29896**	50	1500	700
	29897	70	2200	1000

Snap shackles with swivel eye

Material	Ref.	Length	Break load	SWL
A **Bronze**	**27041**	75	600	300
	27043	115	1250	600
B **316 st. steel**	**29898**	70	1500	700
	29899	87	2200	1000
	29900	128	3500	1300

Snap shackle with clevis pin swivel

316 st. steel.

Length	Ref.	Hook useful Ø	Shackle useful Ø
70	**423709**	12	12
87	**423710**	16	13
128	**423711**	22	16

Wichard

Snap shackle with fixed eye

- Forged in HR 17.4 Ph grade st. steel.
- The plunger pin is set captive into the hook and cannot become detached.
- Easy to open by pulling the plunger pin (possiblity to add a lanyard).

Length	Ref.	Ø A	Ø B	Break load	SWL
35	**415654**	8	6	400*	160
50	**100700**	16	10	HR : 2000	960
70	**100701**	21	13	HR : 3000	1280

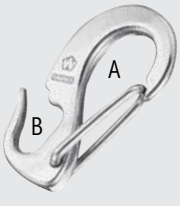
*Model in 316 L st.steel, not HR.

Snap shackle with swivel eye

- Forged in HR 17.4 Ph grade st. steel.
- Free rotation of the snap shackle thanks to the swivel eye.
- The plunger pin is set captive into the hook and cannot become detached.
- Easy to open by pulling the plunger pin (possiblity to add a lanyard).

Length	Ref.	Ø A	Ø B	Break load	SWL
70	**400813**	16	11	2000	960
90	**100703**	21	14	3700	1280
120	**100704**	26	21	7000	2800

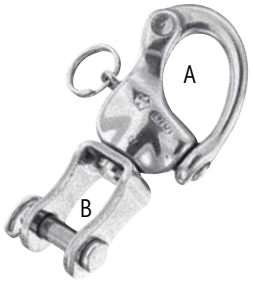
"Knock-on" sail snap



- "One hand" sail snap forged in 316 L st. steel.
- Perfect to hoist a storm jib or a staysail.
- Easy to install (single handed operation).
- Top reliability : never jams.

Model	Ref.	Length	Ø A	Ø B	Break load	SWL
With swivel, standard bail	**400833**	50	7.5	6.5	300	160
With swivel, large bail	**400834**	65	11	10	550	400

Swivel snap shackle with clevis pin



- Forged in HR 17.4 Ph grade st. steel.
- Free rotation of the snap shackle thanks to the swivel eye.
- The plunger pin is set captive into the hook and cannot become detached.
- Easy to open by pulling the plunger pin (possiblity to add a lanyard).

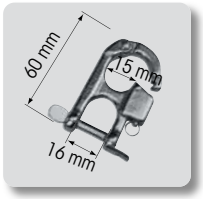
Length	Ref.	Ø A	Ø B	Shackle useful width	Pin Ø	Break load	SWL
70	**402486**	16	15	12	6	1600	800
90	**400816**	21	17	11	7	3800	1280
120	**100705**	26	27	18	11	7000	2400

Special hooks

Quick release snap shackle

- Forged in HR 17.4 Ph grade st. steel.
- Easy opening by pulling the lanyard.
- Ideal for sheets (genoa, spinnaker,...).
- Free rotation of the snap shackle thanks to the swivel.

Model	Ref.	Length	Hook useful Ø	Eye useful Ø	Break load	SWL
Standard bail	**411859**	70	14	11	1500	880
	411861	110	25	16	4200	2400
	411852	130	30	20	6300	3200
	411853	150	34	24	9000	5200
Large bail	**400808**	90	16	23	2000	1280



Quick release snap hook

31452

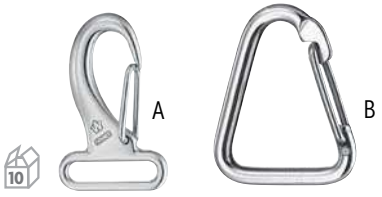
- 316 AISI stainless steel.
- Compulsory for the practice of water-skiing or wakeboard.
- Not suitable for kitesurfing.
- Break load : 800 kg.
- SWL : 150 kg.

Webbing snap hooks

Material		For webbing	Ref.	Length	
Chrome bronze	A	28 (max. thickn. 8)	**400629**	55	10
	B	22 (max. thickn. 5)	**400641**	62	10

Webbing snap hooks

316 L. Stainless steel.



For webbing		Ref.	Length	Ø A	Stock Ø	SWL	Breaking load
30	A	**403788**	60	8	-	60	300
40	B	**414316**	80	13	8	240	1200

Chromed brass plate snap hook

Length	Ref.	Useful Ø	Width	Height
35	**400628**	8	30	25
42	**409996**	13	37	33

Swivels

316 st. steel swivel

Stock Ø	Ref.	Length	Break load	Useful width
6	**422008**	66	14.7	1200
8	**422009**	94	20.5	1900
10	**422011**	118	24	3500
16	**422018**	188	38	8500

Dimensions in mm.
Loads in kg.
SWL : Safe Working Load.
HR : High Resistance.

St. steel swivels

Forged in HR 17.4 Ph grade st. steel. 2 shackles.

	Ref.	Length	Shackle useful height	Shackle useful width	Pin Ø	Break load	SWL	Features
A	**414641**	80	17	11	8	2800	1440	With self-locking pin
	414642	120	27	18	10	5000	2000	With self-locking pin
B	**403882***	60	13	12	6	1400	720	For dinghies and low load applications (tiller extensions…)

*Fork-fork swivel in 316 L st. steel cambered plate - not HR, not forged.

Access & storage hatches

Developed by the Plastimo R & D, a range of hatches which combines easy installation for the boatbuilder and optimised space for the crew's comfort.

Optional locks

OPENS THROUGH 180° OR WIDE OPEN WITH REMOVABLE HATCH TOP

Take-apart hatch top, ideal when height does not allow full vertical opening : with the specific hinge design, a 5° opening angle is enough to allow the hatch top to separate from the lower frame and provide a wide open access.

All hatches are supplied with a set of 2 hinges offering two mounting possibilities : classic 180° opening or take-down hatch.

Hatch top easily removed while deck frame remains intact on deck.

Exclusive : the honeycomb structure inside the hatch provides **optimum rigidity**. Supports a 130 kg person with no distortion or mechanical strain.

Plastimo meets the needs of boatbuilders and retro-fit yards

With two sets of hinges supplied as a standard feature, the Plastimo hatch offers two mounting alternatives to accommodate the installation environment :

- Enough height available : hatch opening through 180°.
- Limited height, not enough to open up : hatch can slide horizontally and be removed.

Easy maintenance : should the hatch be replaced, all you need to do is unclip the hatch.
No need to remove or replace the deck frame (saving lots of labour time and watertightness operations).

ISO 12216

Hatches certified when mounted in zones IIa, A, B, C and D, on sail and power boats.

PLASTIMO

With storage box

With optional locking kit

Construction in high grade ASA for durability and resistance :

- Impervious to UV.
- Excellent mechanical resistance, enhanced by the honeycomb structure inside the hatch.
- Walkable : resists 130 kg load with no distortion at all.
- Opening through 180°.
- Deck or wall mount.
- EPDM rubber gasket for perfect watertightness.
- Supplied with a set of 2 hinges allowing different installation alternatives : classic articulated hinge opening through 180°, or specific hinge making the hatch removable.

Dimensions in mm.

Description	White	Grey	Black	A x B	C	D	E	F	G	Cut-out L x l - R	Handle(s)
Hatch	**62104**	**64790**	**64806**	**270 x 373**	187	290	197	300	-	202 x 305 - 42	x 1
Hatch + storage	**62106**	**64792**	**64808**	**270 x 373**	187	290	204	307	190	212 x 312 - 43.5	x 1
Hatch	**62112**	**64786**	**64802**	**373 x 373**	290	290	300	300	-	305 x 305 - 42	x 1
Hatch + storage	**62114**	**64788**	**64804**	**373 x 373**	290	290	307	307	260	315 x 315 - 47	x 1
Hatch	**65889**	**66525**	**66526**	**315 x 440**	231	356	241	366	-	247 x 372 - 42	x 2
Hatch	**65888**	**66523**	**66524**	**243 x 606**	160	523	170	533	-	175 x 538 - 42	x 2
Hatch	**62108**	**64794**	**64810**	**357 x606**	274	523	284	533	-	289 x 538 - 42	x 2
Hatch + storage	**62110**	**64796**	**64812**	**357 x 606**	274	523	291	540	300	295 x 545 - 42.5	x 2
Hatch	**62116**	**64798**	**64814**	**458 x 513**	375	430	385	440	-	390 x 445 - 42	x 2
Hatch + storage	**62118**	**64800**	**64816**	**458 x 513**	375	430	392	447	450	400 x 455 - 47	x 2

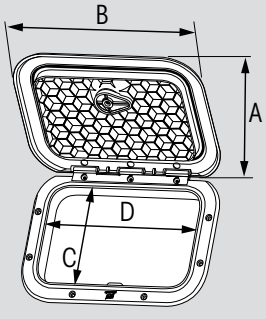
Option

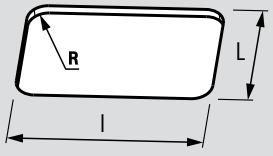
Locking kit

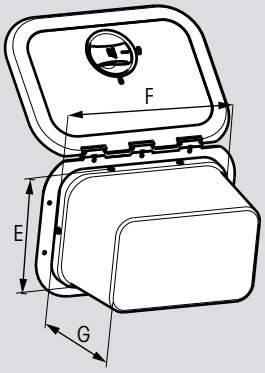
• *White : **65388***

• *Grey : **65390***

• *Black : **65389***







Cut out dimensions & drilling templates on www.plastimo.com

Round deck plates

65392

65394

65396

Screw-out round deck plates

Black ASA, smooth cover. Watertight gasket included.

Model	4"	5"	6"
Ref.	**65392**	**65394**	**65396**
Overall Ø	160 mm	185 mm	210 mm
Useful Ø	106 mm	128 mm	153 mm
Cut-out Ø	112 mm	141 mm	165 mm

65391

65393

65395

Screw-out round deck plates

White ASA, smooth cover. Watertight gasket included.

Model	4"	5"	6"
Ref.	**65391**	**65393**	**65395**
Overall Ø	160 mm	185 mm	210 mm
Useful Ø	106 mm	128 mm	153 mm
Cut-out Ø	112 mm	141 mm	165 mm

65397

65398

Flushmount deck plates

White ASA, smooth cover. Watertight gasket included.

Model	7"	9"
Ref.	**65397**	**65398**
Overall Ø	268 mm	313 mm
Useful Ø	184 mm	235 mm
Cut-out Ø	215 mm	265 mm

Round deck plates

ISO 11812 & 12216 compliant* deck plates

- ISO 11812 : Watertight cockpits and quick-draining cockpits (small crafts)
- ISO 12216 : Resistance and watertightness of windows, portholes, doors and hatches (small crafts)

*except models 27354 et 27355

Beckson

27350

93145

27356

27361

93171

Screw-out deck plates, standard ring

Watertight gasket included.

Model	4"	6"	8"
White polypropylene, smooth cover	**27350**	**27357**	-
White polypropylene, non-skid cover	**27365**	**27365**	-
White ABS, smooth cover	-	**27356**	**65249**
White ABS, non-skid cover	-	**27361**	-
White ABS ring, transparent polycarbonate cover	**93145**	-	**93171**
Dimensions	Overall Ø 156 mm Useful Ø 102 mm Cut-out Ø 114 mm	Overall Ø 206 mm Useful Ø 152 mm Cut-out Ø 165 mm	Overall Ø 254 mm Useful Ø 194 mm Cut-out Ø 216 mm

Screw-out deck plates, thin ring

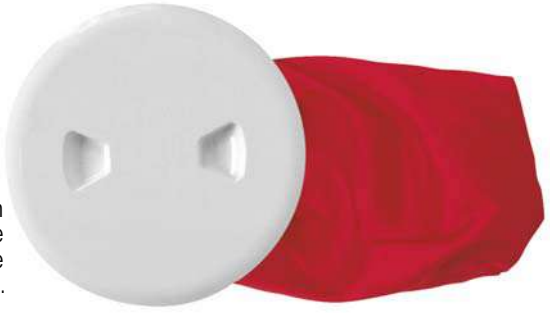
Watertight gasket included.

Model	4"	6"
White polypropylene, smooth cover	**27352**	**27359**
White polypropylene, non-skid cover	**27353**	**27360**
White ABS, smooth cover	**93149**	-
Dimensions	Overall Ø 143 mm Useful Ø 102 mm Cut-out Ø 114 mm	Overall Ø 194 mm Useful Ø 152 mm Cut-out Ø 165 mm

Twist-out deck plates

White ABS, self-aligning cover.
Overlapping cover conceals fastener

27354


With removable nylon storage bag.

Model	4"	5"	6"
Deck plate alone, no bag	-	**27354**	-
Deck plate with removable nylon bag, 30 cm deep	**27351**	**27355**	**27358**
Dimensions	Overall Ø 156 mm Useful Ø 102 mm Cut-out Ø 114 mm	Overall Ø 178 mm Useful Ø 127 mm Cut-out Ø 140 mm	Overall Ø 206 mm Useful Ø 152 mm Cut-out Ø 165 mm

Deck hatches & Portlights

Aluminium deck hatches

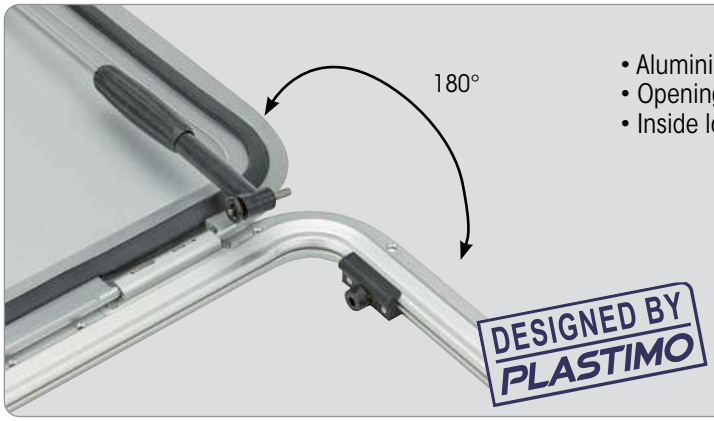
Deck hugging design.
Anodised aluminium or raw aluminium finish ready-to-paint and create a homogeneous overall deck.

Building on the success of its satin aluminium frame and acrylic glass hatches, Plastimo extends its range with **100 % aluminium** models -with solid no see-through cover.

Constantly responsive to boatbuilder's needs, the Plastimo R&D has developed a specific design that replaces the see-through acrylic glass by a solid aluminium panel, with the same easy installation that is so popular with OEM partners.

This solid aluminium hatch, fully walkable version is particularly **suitable for high traffic deck and designs where sturdiness prevails** over light inside.

Opening device :
The ergonomic shape of the handles allows comfortable space for an excellent prehension. They feature a lock catch which prevents breaking in from outside. No neeed to fit any other locking system from outside.



- Aluminium invisible hinges.
- Opening possible up to 180°.
- Inside lock catch system.

All models are equipped with adjustable stay. Adjustable opening is as simple as releasing the stay to obtain the right position.

Navigation	Features	Lid	Lower frame	Assembly	CE areas for location onboard
Coastal or blue water cruising	Deck-hugging profile, opens outwards with stays	Extrusion	Extrusion	With screws	II, III & IV All categories

Areas on board as per 94/25 EC standard :
Zone I : hull above waterline
Zone II : deck, coachroof, cockpit and transom
Zone IIb : hull sections other than area I
Zone III : superstructure, deck and cockpit
Zone IV : cockpit and deck, rear sides of superstructure.

All aluminium deck hatches

Size	Raw aluminium	Anodised aluminium	External dimensions mm	External dimensions in.	Internal dimensions mm	Internal dimensions in.	Cut-out dimensions mm	Cut-out dimensions in.	Weight kg
20	**-**	**68991**	407 x 262	16 x 10.3	345 x 200	13.6 x 7.9	347 x 202	13.7 x 8	3.1
30	**67923**	**68992**	517 x 387	20.4 x 15.2	455 x 325	17.9 x 12.8	457 x 327	18 x 12.9	5.2
40	**68782**	**68993**	481 x 481	18.9 x 18.9	419 x 419	16.5 x 16.5	421 x 421	16.6 x 16.6	5.8
60	**67924**	**-**	567 x 567	22.3 x 22.3	505 x 505	19.9 x 19.9	507 x 507	20 x 20	7.4
70	**67925**	**67929**	687 x 687	27 x 27	625 x 625	24.6 x 24.6	627 x 627	25 x 25	10.2

Sizes 60 and 70 are suitable and **regulation-compliant for use as escape hatches** (zone 2b).

Option

Interior trim :

- ***Size 20 : 64175***
- ***Size 30 : 64176***
- ***Size 40 : 64177***
- ***Size 60 : 64180***
- ***Size 70 : 65473***

Stainless steel hatch

316 L stainless steel watertight hatch, designed primarily for livewells on recreational or professional fishing boats. Equally suitable for workboats or any application where **watertightness combined with sturdiness** is a prerequisite feature.

Hatch can be pimped with a teak panel for awesome deck style.

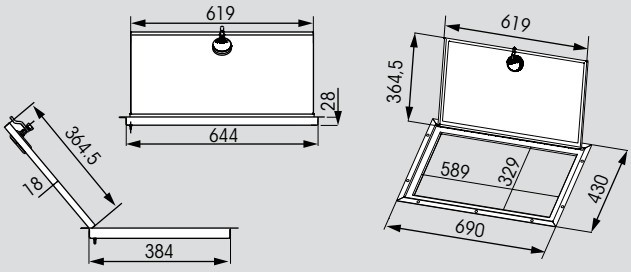
DESIGNED BY PLASTIMO

316 L st. steel hatch

66927

- Flushmount design suitable for RIBs or any power boat.
- 2.5 mm thickness : hatch is walkable with no mechanical strain.
- Perfectly watertight when closed.
- Premium st. steel fastening system contributes to watertightness.
- Overall dimensions on deck : 690 x 430 mm.

Hatch comes with a kit of anti-slip pads and 3 M® double-sided adhesive tape.



Deck hatches

The range of Plastimo deck hatches combines optimum watertightness, easy installation and stylish looks :
- satin-finish aluminium frame and grey acrylic glass,
- invisible hinges,
- one-piece aluminium lid with a thick frame section to provide optimum rigidity,
- deck-hugging lid height, as slim as 19 mm to accommodate teak decks.

Opening device

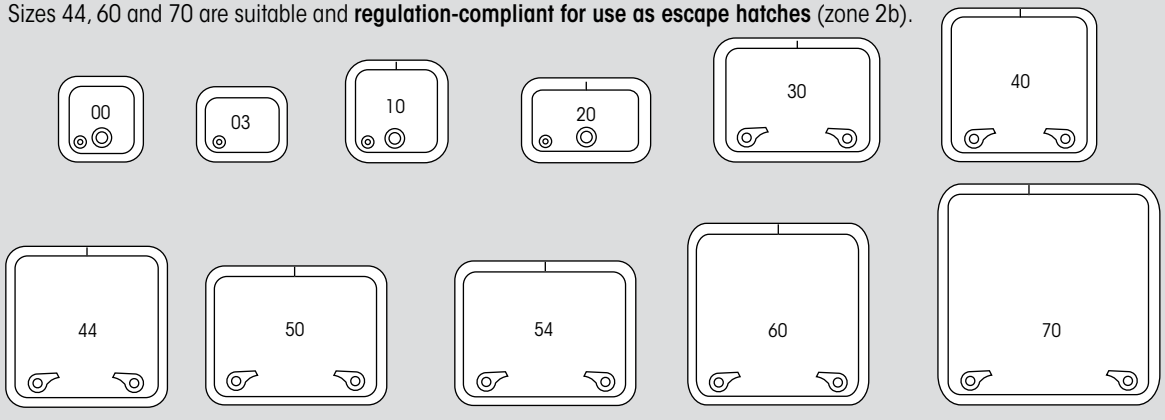
The ergonomic shape of the handles allows comfortable space for an excellent prehension.
They feature a lock catch which prevents breaking in from outside.
No neeed to fit any other locking system from outside.

All models are equipped with adjustable stay. Adjustable opening is as simple as releasing the stay to obtain the right position.
Aluminium hinges.

Navigation	Features	Lid	Lower frame	Assembly	CE areas for location onboard
Coastal or blue water cruising	Deck-hugging profile, opens outwards with stays	Extrusion	Extrusion	With screws	II, III & IV All categories

Areas on board as per 94/25 EC standard of 16 June 1996 :
Zone I : hull above waterline
Zone II : deck, coachroof, cockpit and transom
Zone IIb : hull sections other than area I
Zone III : superstructure, deck and cockpit
Zone IV : cockpit and deck, rear sides of superstructure.

Sizes 44, 60 and 70 are suitable and **regulation-compliant for use as escape hatches** (zone 2b).



Aluminium / acrylic deck hatch

Sizes available are standards commonly installed by the industry on mass production boats.

- Acrylic thickness 10 mm
- Telescopic stay
- Aluminium hinges
- Height below deck : 15 mm
- Radius 42.5 mm (1.7").

Hatches must be mounted on a flat surface, allowing ± 1 mm clearance.

Size	Ref.	External dimensions mm	in.	Internal dimensions mm	in.	Cut-out dimensions mm	in.	Weight kg
00	**63881**	271 x 271	10.7 x 10.7	209 x 209	8.2 x 8.2	211 x 211	8,3 x 8.3	2.1
03	**63882**	291 x 236	11.5 x 9.3	229 x 174	9.0 x 6.8	231 x 176	9.1 x 6.9	2.2
10	**63883**	320 x 320	12.6 x 12.6	258 x 258	10.1 x 10.1	260 x 260	10.2 x 10.2	2.7
20	**63884**	407 x 262	16 x 10.3	345 x 200	13.6 x 7.9	347 x 202	13.7 x 8	3.1
30	**63886**	517 x 387	20.4 x 15.2	455 x 325	17.9 x 12.8	457 x 327	18 x 12.9	5.2
40	**63887**	481 x 481	18.9 x 18.9	419 x 419	16.5 x 16.5	421 x 421	16.6 x 16.6	5.8
44	**63888**	502 x 502	19.8 x 19.8	440 x 440	17.3 x 17.3	442 x 442	17.4 x 17.4	6.3
50	**63889**	567 x 437	22.3 x 17.2	505 x 375	19.9 x 14.7	507 x 377	20 x 14.8	5
54	**63890**	567 x 452	22.3 x 17.8	505 x 390	19.9 x 15.3	507 x 392	20 x 15.4	6.8
60	**63891**	567 x 567	22.3 x 22.3	505 x 505	19.9 x 19.9	507 x 507	20 x 20	7.4
70	**63893**	687 x 687	27 x 27	625 x 625	24.6 x 24.6	627 x 627	25 x 25	10.2

Options

Interior trim for deck hatch

- ***Size 0 : 65470***
- ***Size 3 : 65471***
- ***Size 10 : 64174***
- ***Size 20 : 64175***
- ***Size 30 : 64176***
- ***Size 40 : 64177***
- ***Size 44 : 64178***
- ***Size 50 : 65472***
- ***Size 54 : 64179***
- ***Size 60 : 64180***
- ***Size 70 : 65473***

Creeping Crack Cure liquid sealant

- ***60 ml bottle : 1260100***
- ***250 ml bottle : 1260250***

Joint for panel : 67118
Length: 2.46 mm

Ready-to-use Speed Grip adhesive anti-slip foam see page 639.

Portlights

- Satin-finish aluminium frame.
- Grey acrylic glass, 10 or 15 mm thick (13/32" or 19/32").
- Perfect watertightness with a one-piece thick frame section and a double contact seal system.
- One universal model accepts an extensive range of bulkhead or hull thickness : 5 to 33 mm (3/16" to 1" 1/4).
- Optimum visibility with handle positioned on lower part (2 handles on T.04 ref. 63898).

Navigation	Features	Lid	Lower frame	Asembly	CE areas for location onboard
Coastal or blue water cruising	Stylish design, large opening	Acrylic	Extrusion	Frame and backplate mounted from inside	IIb, III & IV Deck, roof and cockpit areas

Areas on board as per 94/25 EC standard of 16 June 1996 :
Zone I : hull above waterline
Zone II : deck, coachroof, cockpit and transom
Zone IIb : hull sections other than area I
Zone III : superstructure, deck and cockpit
Zone IV : cockpit and deck, rear sides of superstructure.

Easy mounting

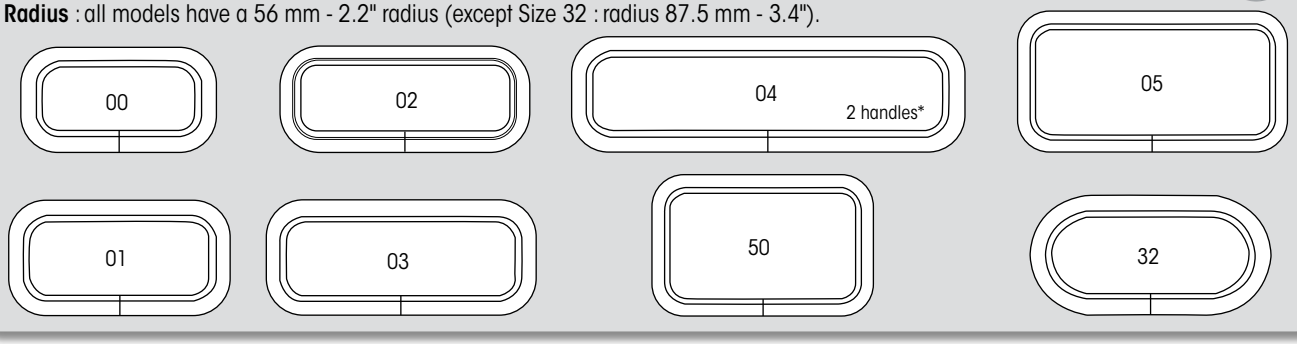
Clever reversible backing plate helps covering an extensive range of bulkhead or hull thickness : 5 to 33 mm (3/16" to 1" 1/4). Tapping for screw øM4 (not included).

Opening device

Plastimo portlights feature adjustable friction hinges.

Twin handles even out the pressure all around the seal and thus guarantee an excellent watertightness.

Radius : all models have a 56 mm - 2.2" radius (except Size 32 : radius 87.5 mm - 3.4").



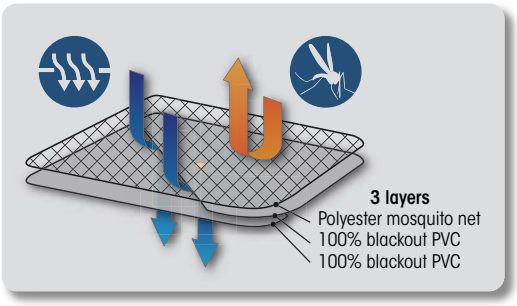
*1 handle on all models, except 2 handles on T.04 ref. 63898.

Shape	Size	Ref.	External dimensions		Internal dimensions		Cut-out dimensions		Acrylic thickness	Weight
			mm	in.	mm	in.	mm	in.		kg
Rectangular	00	63894	325 x 178	12.8 x 7	301 x 154	11.8 x 6	303 x 156	11.9 x 6.1	10 mm	1.8
	01	63895	369 x 193	14.5 x 7.6	345 x 169	13.6 x 6.6	347 x 171	13.7 x 6.7	10 mm	2
	02	63896	427 x 178	16.8 x 7	403 x 154	15.8 x 6	405 x 156	15.9 x 6.1	15 mm	2
	03	63897	451 x 193	17.8 x 7.6	427 x 169	16.8 x 6.6	429 x 171	16.9 x 6.7	15 mm	2.7
	04	63898	649 x 193	25.6 x 7.6	625 x 169	24.6 x 6.6	627 x 171	24.7 x 6,7	10 mm	3.8
	05	63899	451 x 266	17.8 x 10.5	427 x 242	16.8 x 9.5	429 x 244	16.9 x 9.6	15 mm	3.4
	50	63901	369 x 273	14.5 x 10.7	345 x 249	13.6 x 9.8	347 x 251	13.7 x 9.9	10 mm	3
Oval	32	63900	397 x 197	15.6 x 7.8	373 x 173	14.7 x 6.8	375 x 175	14.8 x 6.9	10 mm	2

Blackout blinds

WATERLINE DESIGN

Blinds for hatches, portlights or companionway for extra comfort on board : combination of blackout function, mosquito net and ventilation capability.



Blackout blind + mosquito net, for hatches and portlights

With only one product, you can create darkness in the cabin, keep mosquitoes and bugs away and maintain some ventilation inside. Pop-up mounting in a few seconds with no need for tools : simply use the magnet or suction cup on the hatch or portlight acrylic glass : every blind is supplied with magnet and suction cup for you to choose.

3-layer material: Two layers of blackout PVC and one layer of polyester mosquito net. A gap between PVC layers allows some air in, to help prevent condensation inside the boat.

If you wish to have a bigger airflow for an even more efficient ventilation, you should opt for the mosquito net (with no blackout capability).

6 universal sizes to fit most hatch and portlight sizes and brands.

2351330, open portlight

2351335, closed portlight

Model	Ref.	Blind dimensions	Application
FOR HATCH	**2351305**	350 x 350 mm	Acrylic glass 300 x 300 mm max
	2351310	600 x 600 mm	Acrylic glass 520 x 520 mm max
	2351320	600 x 600 mm	Acrylic glass with vent, 520 x 520 mm max
	2351315	800 x 800 mm	Acrylic glass 720 x 720 mm max
FOR PORTLIGHT	**2351330***	230 x 490 mm	Acrylic glass 180 x 430 mm max
	2351335	300 x 700 mm	Acrylic glass 200 x 650 mm max

*Set of 2 blinds.

Every blind comes with a storage bag and suction cup + magnet.

Blackout blind + mosquito net for companionway

2351360

Create darkness in the cabin and keep mosquitoes and bugs away to enjoy the best sleep.
PVC material blinds, adapts to most companionways.
All-round elegant hemline contains a lead band (150 g/m) to create some ballast and keep the blind perfectly positioned at all times.
Mounting is done in seconds, easily and with no need for tools : just attach the blind on top of the companionway with a couple of lanyards. Lift up the blind to enter the boat and let it fall down naturally in position.

- Dimensions : 900 x 1800 mm.
- Weight 900 g.
- Supplied with storage bag.

Mosquito nets

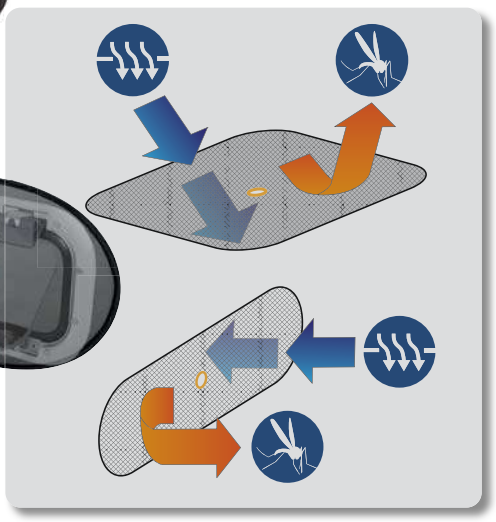
WATERLINE DESIGN

Mosquito net with fine mesh to keep the mosquitoes and smallest bugs away while maintaining optimal ventilation.

Indoor mosquito net for hatches and portlights

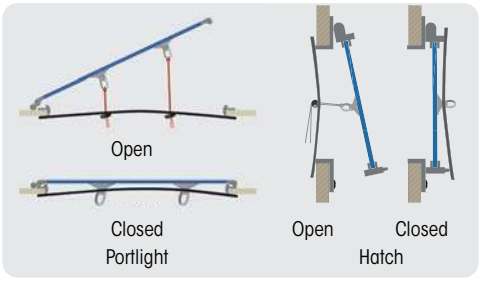
Pop-up mounting in a few seconds with no need for tools : simply use the magnet or suction cup on the hatch or portlight acrylic glass. Every mosquito net is supplied with magnet and suction cup for you to choose.

Fine mesh polyester to protect you against mosquitoes and tiny bugs.
Less than 3 mm thickness inside the boat.
Frame in chrome-plated steel, folds down to 1/3 of its deployed size.
Ventilates the boat when hatch or portlight is open (reduces condensation and contributes to a comfortable temperature when mooring).
5 universal sizes to fit most hatch and portlight sizes and brands.



Model	Ref.	Mosquito net dimensions	Application
FOR HATCH	**2351405**	350 x 350 mm	Acrylic glass 300 x 300 mm max
	2351410	600 x 600 mm	Acrylic glass 520 x 520 mm max
	2351415	800 x 800 mm	Acrylic glass 720 x 720 mm max
FOR PORTHOLE	**2351430***	490 x 230 mm	Acrylic glass 430 x 180 mm max
	2351435	700 x 300 mm	Acrylic glass 650 x 200 mm max

*Set of 2 mosquito nets.



Outdoor mosquito net for open hatch

- **2351711 : 620 x 620 mm**
- **2351716 : 720 x 720 mm**

Polyester with very fine mesh.
Throw-over easy installation on the open hatch.
Small ballast along the hemline keeps the mosquito net well positioned.

Every mosquito net comes with a storage bag and suction cup + magnet.

Mosquito net for companionway

- **2351460 : Companionway door 900 x 1800 mm**
- **2351741 : Companionway panel 1200 x 700 x 800 mm**

Fine mesh polyester.
All-round elegant hemline contains a lead band (150 g/m) to create some ballast and keep the net perfectly positioned at all times.
Mounting is done in seconds, easily and with no need for tools : just attach the mosquito net on top of the companionway with a couple of lanyards. Lift up the net to enter the boat and let it fall down naturally in position.

Insulation for portlightsand deck hatch

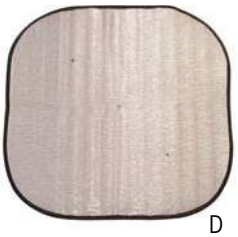
A

B

Completes the waterline range of blackout blinds and mosquito nets. Avoids humidity on board and protect from heat. The insulation system must be installed between the portlight/deck hatch glass and the existing blackout blind or mosquito net.

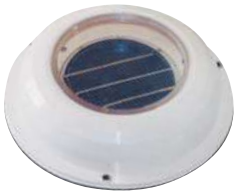
	Ref.	Insulation system size	Portlight/deck hatch size
A	**2356305**	350 x 350 mm	Deck hatch up to 300 x 300 mm
B	**2356310**	600 x 600 mm	Deck hatch up to 520 x 520 mm
C	**2356330**	490 x 230 mm	Portlight up to 430 x 180 mm
D	**2356315**	800 x 800 mm	Deck hatch up to 720 x 720 mm
E	**2356335**	700 x 300 mm	Portlight up to 650 x 200 mm

C


D

E

Vents



Solar vent

Ni-Cad battery. Run time : 30 hours.

Ref.	Air circulation capacity/hour	Overall Ø	Height	Drill Ø
175694	25 m^3	216 mm	70 mm	120 mm

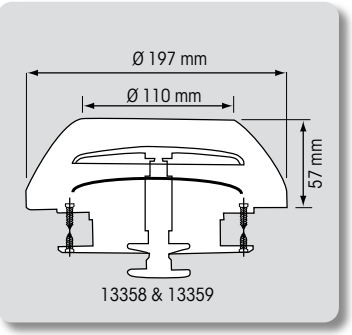
Flat and mushroom vents

A

B

C

	Ref.	Cover	Overall Ø	Height	Drill Ø	Features	*Optional st. steel cover*
A	**416148**	St. steel	115 mm	67 mm	80 mm	-	-
	416149	St. steel	150 mm	54 mm	117 mm	-	-
B	**413924**	Plastic	148 mm	70 mm	100 mm	With insect screen. Hight closed : 30 mm.	-
C	**13359**	Plastic	197 mm	57 mm	95 mm	Simple and reliable, it ventilates 10 m^3/hour. Streamline non-snag shape. Closeable from inside.	***13360***
	13358	St. steel	197 mm	57 mm	95 mm		



Decorative portlights

St. steel portlight

Ref.	Exposed glass Ø	Overall Ø
416150	**100 mm**	165 mm
416152	**150 mm**	215 mm

Locking nuts for windshield

418100

For opening windshield, supplied with screws (in pairs).

Gas stays

Steel and stainless steel gas stays securing the opening or closing of all types of access and storage hatches, engine box, etc.

Self-cleaning Teflon® bond, with chromed or st. steel rod.

Length open	Load	Stroke	Ø Shell	Rod Ø	Steel*	St. steel**
254 mm	18 kg	76 mm	15 mm	6 mm	-	**472192**
381 mm	9 kg 27 kg	140 mm	15 mm	6 mm	**418305** **418304**	**472194**
437 mm	14 kg	178 mm	15 mm	6 mm	**418309**	-
		132 mm	18 mm	8 mm	-	**472195**
508 mm	27 kg	203 mm	15 mm	6 mm	**418291**	**472196**

*End fitting : composite & metal.
**End fitting : composite.

End fitting on plain steel model

End fitting on st. steel model

Bracket for gas stay

Stainless steel holding bracket for gas stay features a blade to bolt and a ball that fits into the eye at the end of the gas stay.

	Model	Reference
A	**St. steel triangular bracket**	**472200**
B	**St. steel bracket, Small size**	**472198**
	St. steel bracket, Medium size	**472199**

A

B

Chromed brass stay

A

B

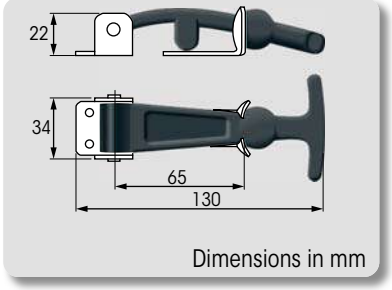
C

	Model	Ref.	Dimensions	
A	**Telescopic**	**404189**	Closed 320 mm - Open 500 mm	1
B	**Telescopic for quick fastening**	**418816**	Closed 265 mm - Open 385 mm	1
C	**Notched for adjustable opening**	**403209**	Thickn. 4 mm - Length 210 mm - Width 18 mm	2
		417840	Thickn. 4 mm - Length 280 mm - Width 18 mm	2

T-bar hatch fastener

419451

304 stainless steel hatch holddown clamp. Neoprene rubber provides anti-rattle feature.



Dimensions in mm

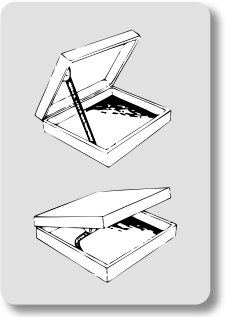
Hatch spring

304 st. steel spring.

A

B

C



	Model	Ref.	Dimensions	
A	**With internal thread**	**404412**	Length 320 mm - Ø 22 mm	1
B	**Without internal thread With L-shape support.**	**473483**	Length 260 x Ø 14,5 mm	1
C	**Without internal thread**	**13860**	Length 210 mm - Ø 11 mm	4
		51541	Length 260 mm	2

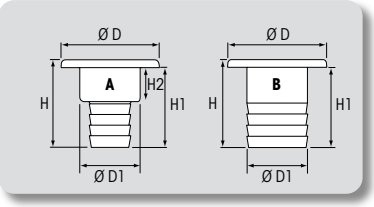
Deck fillers

St. steel deck fillers

Criteria to consider when selecting a deck filler :
- Intended use : water, petrol, diesel or waste water.
- Hose diameter (Ø 38.51 mm...).
- Deck construction material.
- Performance and durability.
- Design and styling : as a visible piece of equipment, the deck filler contributes to the overall style of the deck.

St. steel deck fillers, st. steel caps

316 stainless steel. Key included.



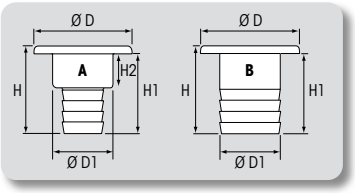
Model	Hose Ø	Ref.	H	H 1	H 2	Ø D	Ø D 1	*Spare cap*	*Spare key*
Water	38 mm / 1½"	**48705**	84 mm	76 mm	20 mm	75 mm	45 mm	***48750***	***48830***
	51 mm / 2"	**48706**	89 mm	82 mm	-	89 mm	51 mm	***48829***	***48831***
Waste	38 mm / 1½"	**48707**	84 mm	76 mm	20 mm	75 mm	45 mm	***48750***	***48830***
	51 mm / 2"	**48708**	89 mm	82 mm	-	89 mm	51 mm	***48829***	***48831***
Petrol	38 mm / 1½"	**48747**	84 mm	76 mm	20 mm	75 mm	45 mm	***48750***	***48830***
	51 mm / 2"	**48749**	89 mm	82 mm	-	89 mm	51 mm	***48829***	***48831***
Diesel	38 mm / 1½"	**48746**	84 mm	76 mm	20 mm	75 mm	45 mm	***48750***	***48830***
	51 mm / 2"	**48748**	89 mm	82 mm	-	89 mm	51 mm	***48829***	***48831***

Aluminium deck fillers

Water : blue cap.
Fuel : red cap.
Waste : black cap.

Aluminium deck fillers, plastic caps

Cap with locking lever.



Model	Hose Ø		Ref.	Features	H	H 1	H 2	Ø D	Ø D 1	*Spare cap*
Water	38 mm / 1½"	-	**16799**	Polyamide cap	70 mm	53 mm	24 mm	82 mm	45 mm	***26330***
Waste	38 mm / 1½"	A	**13919**	Polyamide cap	70 mm	53 mm	24 mm	82 mm	45 mm	***26332***
Fuel	38 mm / 1½"	-	**16798**	Polyamide cap	70 mm	53 mm	24 mm	82 mm	45 mm	***26331***
		B	**421948**	Anodised aluminium, plastic cap	73 mm	65 mm	28 mm	85 mm	48 mm	-
		-	**421951**	Anodised aluminium, plastic cap	73 mm	65 mm	-	85 mm	51 mm	-
	51 mm / 2"	-	**10380**	Polyamide cap	80 mm	73 mm	-	85 mm	51 mm	***26331***

Plastic deck fillers

Glass reinforced plastic deck fillers

Captive plug and gasket.

62195

62201

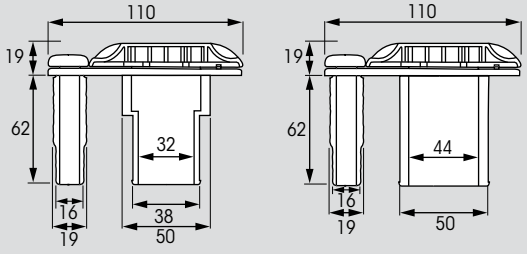
62198

62196

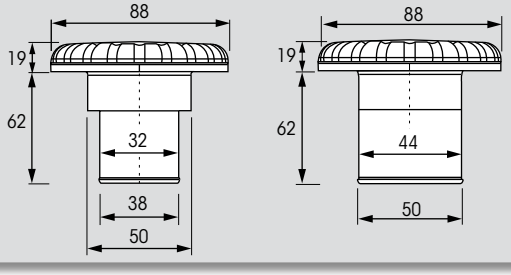
With vent	Colour	Ref.	Hose Ø
Fuel	White	**62191**	38 mm - 1" ½
		62195	50 mm - 2"
	Chrome	**62193**	38 mm - 1" ½
		62197	50 mm - 2"
Water	White	**62199**	38 mm - 1" ½
	Chrome	**62201**	38 mm - 1" ½

Without vent	Colour	Ref.	Hose Ø
Fuel	White	**62190**	38 mm / 1" ½
		62194	50 mm - 2"
	Chrome	**62192**	38 mm / 1" ½
		62196	50 mm - 2"
Water	White	**62198**	38 mm - 1" ½
	Chrome	**62200**	38 mm - 1" ½

With vent



Without vent



Dimensions in mm.

Econab deck filler

Anti-overflow, environment friendly deck filler. Designed to prevent fuel spillage through a boat's vent hole. Complies with EN ISO 11105 standards on fuel engine compartments and/or fuel tanks ventilation.

EN ISO 11105 Compliant

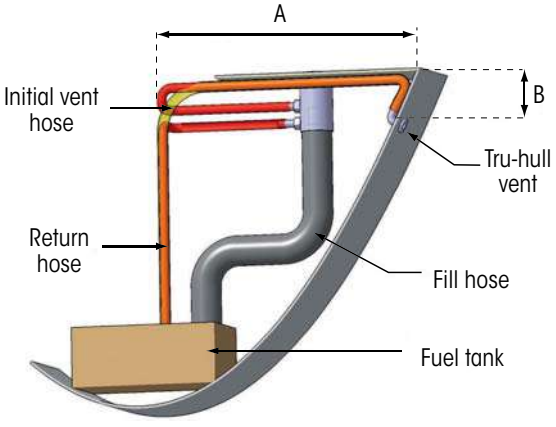
Econab diesel filler

58556

- Prevents fuel spillage, vapours and stains.
- Can be fitted to all types of boats, either new or second hand.
- Features an anti-theft device.
- Can replace any standard deck filler.
- Corrosion-free : aluminium filler with anodised coating.
- Lighter in weight : weighs approx. 700 g.

Vent installation with Econab

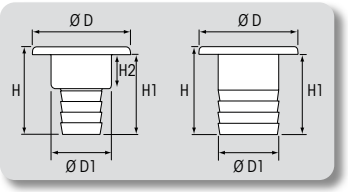
Installation must respect the initial circuit route, preserving the A and B dimensions. The vent connections must be positioned on the opposite side of the thru-hull vent.



Accessory

- ***St. steel winch key 61804***

Chrome-plated bronze



Chrome-plated bronze deck fillers

Cap with locking lever.

13923

13913

Model	Ø Hose	Ref.	Cap	H	H1	H2	Ø D	Ø D1	*Spare cap*
Water	38 mm/1½"	**13920**	Chrome-plated bronze	88 mm	71 mm	23 mm	82 mm	45 mm	***26336***
		13913	Polyamide	80 mm	71 mm	23 mm	82 mm	45 mm	***26330***
Fuel	38 mm/1½"	**13921**	Chrome-plated bronze	88 mm	71 mm	23 mm	82 mm	45 mm	***26337***
		13914	Polyamide	88 mm	71 mm	23 mm	82 mm	45 mm	***26331***
	51 mm/2"	**13923**	Chrome-plated bronze	80 mm	70 mm	-	82 mm	51 mm	***26337***
		13917	Polyamide	80 mm	70 mm	-	82 mm	51 mm	***26331***

Chrome-plated bronze deck fillers

400680 405831

62086

Model	Ø Hose	Ref.	Features	Height	Ø Overall	Ø Drill
Water	38 mm/1½"	**400680**	-	75 mm	75 mm	45 mm
		405831	Cap with flush lever	78 mm	85 mm	57 mm
Waste	38 mm/1½"	**62086**	Cap with lever	70 mm	85 mm	52 mm

Spare cap for 400680 : ***400686***
** ISO 8099 compliant.*

Angled deck-fillers, chrome-plated bronze

45° angled deck filler.

Model	Ø Hose	Ref.	Features	Ø Overall	Ø Drill
Water	38 mm/1½"	**420069**		88 mm	50 mm
Waste	38 mm/1½"	**473967**	St. steel cap. Ideal for use with marina pump systems.	88 mm	50 mm
Petrol	38 mm / 1½"	**470014**		88 mm	50 mm
	56 mm	**420024**		88 mm	50 mm

473967 470014

Drain socket, chromed brass

Model	Ref.	Description	Ø	Length
Round	**400717**	Screw-type cap	Overall 55 mm/ Int. 22 mm	10 mm

400717

Deck filler keys

418369
Key width 20 mm

61804
St. steel key "winch" key

105396
Polyamide "winch" key

Buoyancy tank drain plug
16687
Polyamide drain plug with captive plug.
Int. Ø : 18 mm.
Ext. Ø : 23 mm.

A

B

C

D

E

F

G

H

I

Drain sockets, polyamide
Polyamid deck filler with O-ring.

	Colour		Ref.	Description	Flange dimensions	Overall height	Height of socket	Cutout Ø	Depth below deck	Mini. int. Ø	*Spare cap*
Oval	**White**	A	**16688**	Plain	48 x 36 mm	28 mm	19.5 mm	27 mm	15 mm	19 mm	***16713***
		B	**16689**	With 2 holes							
		-	**43462**	With captive plug	54 x 33 mm	55 mm	25 mm	27 mm	20 mm	19 mm	***45276***
	Black	C	**43463**	With captive plug	54 x 33 mm	55 mm	25 mm	27 mm	20 mm	19 mm	***45277***
Round	**White**	D	**43468**	With captive plug	Ø 40 mm	55 mm	25 mm	27 mm	20 mm	19 mm	***45276***
	Black	E	**43469**	With captive plug	Ø 40 mm	55 mm	25 mm	27 mm	20 mm	19 mm	***45277***
	Black	F	**43478**	With holes	Ø 43 mm	38 mm	27 mm	25 mm	22 mm	16.5 mm	-
	White	-	**43477**								
	White	G	**16691**	With captive plug	Ø 46 mm	63 mm	27 mm	28 mm	21 mm	19 mm	-
	White	H	**16690**	Plain	Ø 48 mm	76 mm	66 mm	28 mm	62 mm	19 mm	***16713***
	White	I	**16797**	Screw-type for double hull. Bulkhead thickness : 80 mm. 1/4 turn plug	Ø 43 mm	107 mm	96 mm	27 mm	91 mm	19 mm	***12521***

Ventilation

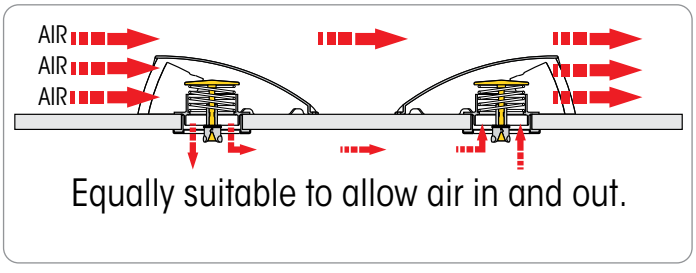
Streamlined Dorade box

Polyamide dorade box, shock and UV resistant.
Opening and shut-off system operated from the cabin.
Equally suitable to allow air in and out.
Prevents accidental water intrusion.

51637

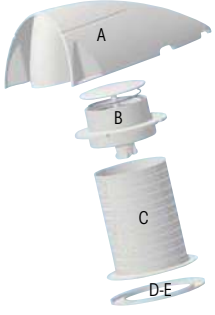
Supplied complete with :

Dorade body, shut-off system, Ø 85 mm sleeve, white flange.



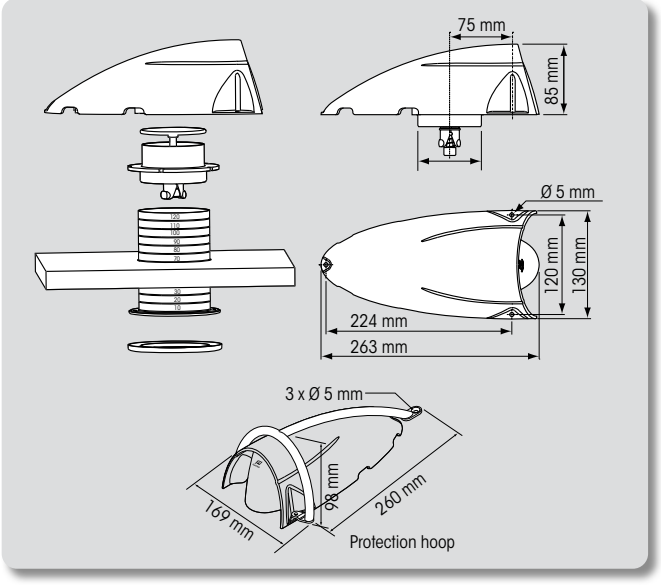
Equally suitable to allow air in and out.

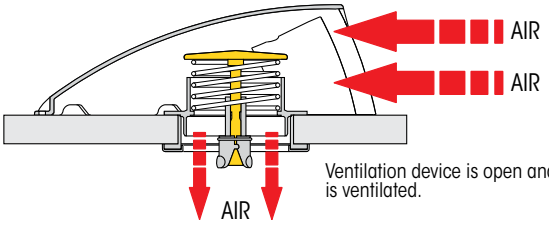
Options & Accessories



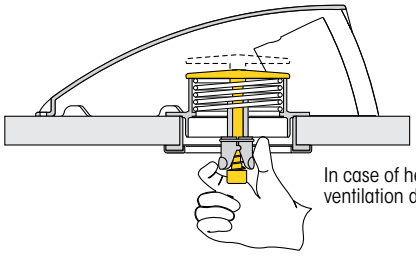
- *A* - ***Streamlined dorade, cover alone***
  51654
- *B* - ***Ventilation unit***
  51638
- *C* - ***Ø 85 mm air flow sleeve***
  51639
- *D* - ***White flange for Ø 85 mm sleeve***
  51640
- *E* - ***Chromed flange for Ø 85 mm sleeve***
  51642
- ***316 L stainless steel protection hoop***
  54027

Depending on boat specificities, a streamlined Dorade box may be mounted in a place where it will be exposed to specific constraints (high traffic areas, strong or repeated impacts,...). In such cases, we recommend to install the stainless steel protection hoop.

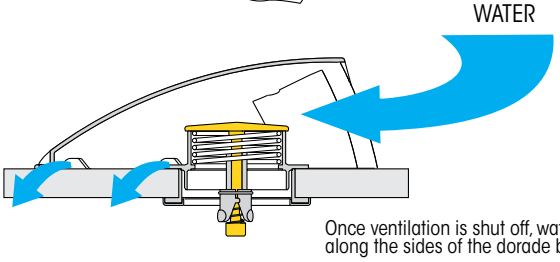




Ventilation device is open and cabin is ventilated.



In case of heavy rain or strong wave, the ventilation device is shut off from the cabin.



Once ventilation is shut off, water evacuates along the sides of the dorade box.

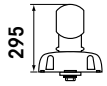
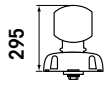
Dorade boxes

Cool'n Dry dorade box

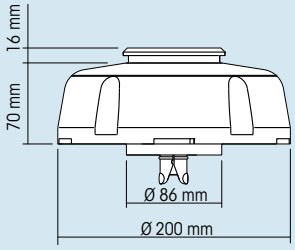
Perfect ventilation on board is essential to your comfort and also contributes to the extended lifetime of your cabin equipment (cushions, cooker, lifejackets...) which are often damaged by humidity and mildew. How can you ensure a permanent ventilation while keeping your boat totally safe and absolutely free from any water intrusion ? The "Cool'n Dry" dorade box is the answer : its exclusive patented system provides constant ventilation inside the boat, even in very bad weather conditions.

Plastimo innovation, protected by 2 patents

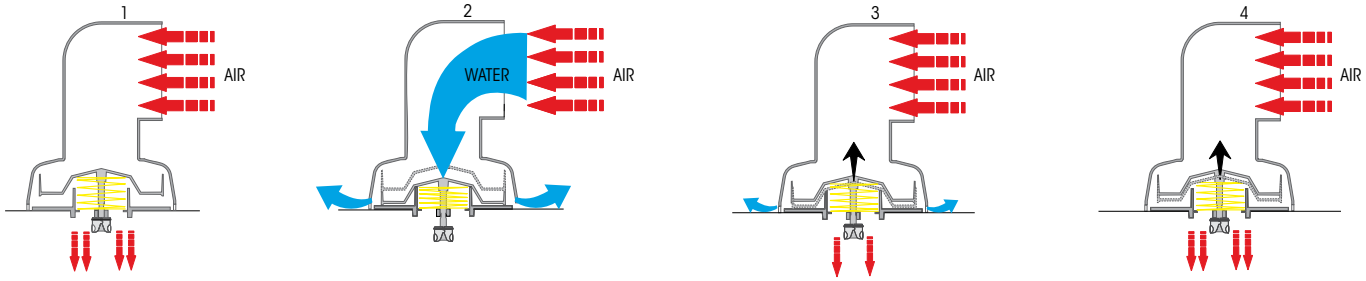
- **Continuous ventilation :** when sailing, on a mooring or wintering, the dorade box remains constantly open.
- **No water entry,** thanks to the exclusive shut-off system, which closes automatically in the event of a heavy rain or very strong wave.
- Manual closing by simple finger pressure.
- Rugged, weatherproof construction : soft PVC vent and ABS dorade box, both UV-treated.

			COOL'N DRY **complete set** (vent + dorade)	COOL'N DRY **alone** (adapts on existing vent)	***Replacement vent***
	A	**Blue**	**47820**	**31392***	***17641***
		Red	**47821**	**31392***	***28865***
	B	**Blue**	**47822**	**31392***	***17639***
		Red	**47823**	**31392***	***28867***
	C	**Blue**	**47824**	**31393****	***31751***
		Red	**47825**	**31393****	***31753***
	D	**Blue**	**47826**	**31393****	***31752***
		Red	**47827**	**31393****	***31754***

** For vent with base Ø 75 mm.*
*** For vent with base Ø 100 mm.*



If your boat is already equipped with vents, you can increase their ventilation capacity significantly, by simply adding Cool'n Dry dorade boxes (ref. 31392 and 31393).

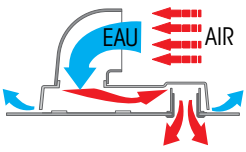


A heavy rain or strong wave (2) shuts off the damper temporarily, preventing any water intrusion in the cabin.

As water evacuates (3), the damper lifts up automatically, to allow air circulation again (4).

Dorade box

Dorade box in rigid ABS, flexible vent in soft PVC.
Impervious to UV-rays.
The Dorade box is supplied complete, with :
- Flexible cowl vent,
- Screw-type storm cap,
- Deck screw-on cover,
- Cut-out sleeve (female),
- Deckhead protection sleeve (male).



		Colour	Dorade box complete set	Overall length	Width, overall	Cut-out Ø	Air flow Ø	Max. deck thickness	*Replacement* *Male sleeve*	*Female sleeve*
150	A	Blue	**16932**	260 mm	160 mm	77 mm	62 mm	40 mm	***16934***	***20394***
		Red	**11661**						***16934***	***20394***
205	B	Blue	**16933**	335 mm	200 mm	90 mm	80 mm	60 mm	***16928***	***20306***
		Red	**11662**						***16928***	***20306***

Cowl vents

Plastimo vents

Manufacturing flexible vents stems from Plastimo's 50-year experience in PVC dip-moulding ; this process is also used for the manufacture of rigging screw covers, compass covers and binocular holders.
The largest and most prestigious boat builders have made the right choice : they trust Plastimo for the constant quality supply wof several flexible vents per year.

The most essential features of Plastimo vents are : material flexibility, resistance to UV-rays, easy mounting, smooth and glossy aspect.

A

B

C D

E

Model		Colour	Vent complete (includes deck plate + watertight sealing cover)	Width, overall	Cut-out Ø	Air flow Ø	*Spare cowl alone (without deck plate)*	*Spare base and cap*
90	A	Blue	**16922**	170 mm	75 mm	60 mm	***17641***	***16930***
		Red	**17626**				***28865***	***16930***
150	B	Blue	**16923**	190 mm	90 mm	80 mm	***17640***	***16929***
		Red	**17627**				***28866***	***16929***
230	C	Blue	**16924**	120 mm	75 mm	60 mm	***17639***	***16930***
235	D	Blue	**16926**	140 mm	90 mm	80 mm	***17649***	***16929***
		Red	**17625**				***28868***	***16929***
300	E	Blue	**17628**	200 mm	120 mm	120 mm	-	***12809*** cap alone

Vents

Material		Ref.	Description
Plastic	A	**415889**	150 x 195 x 128 mm (W x D x H)
Chromed brass	B	**400710**	Swivelling. 5-hole mounting. Opening Ø 120 mm. Base Ø 115 mm. Height 220 mm.
Polished brass	C	**400730**	Swivelling. 5-hole mounting. Opening Ø 120 mm. Base Ø 115 mm. Height 220 mm.
Chromed zamac	D	**400034**	Cut-out Ø 83 to 89 mm. 3-hole mounting. 152 x 135 x 57 mm (L x W x H). Plastic flange with 25 mm high sleeve. Can be used with 3" I.D. wire-supported ventilation hose.

Deck hatch vents :
see page 319

Wind scoops

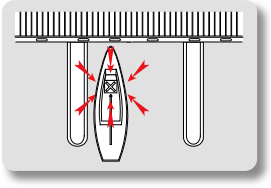
Ultra-light 100% polyester fabric : does not flutter in the wind and prevents any annoying whistling and flapping noise. Wind scoops are trimmed with a reinforced band over the seams, for increased durability and optimum strain resistance. They can be kept fairly taut and can cope with strong winds.

Omni-directional wind scoop

37996

Particularly efficient in the marina : provides optimum ventilation, whatever the wind direction. It is rigged over the hatch by 4 straps and hangs from a halyard thanks to incorporated eyelet.

Dimensions at base : 450 x 310 mm
Height : 1.95 m



Rod-rigged wind scoop

37995

Provides optimum cabin ventilation. Rigged over the hatch by 4 nylon eyelets + an eyelet to hang the wind scoop from halyard. A fibreglass rod maintains the scoop tensioned.

Dimensions at base : 450 x 450 mm.
Height : 1.82 m.

PLASTIMO
happy boating to you!

Compasses, Electronics & Navigation

Jean-Marie Liot ©

Plastimo compasses : over 50 years on the right course.

PLASTIMO

Only the best will do !

For ultimate quality, Plastimo selects the best components in order to ensure that your compass is a highly dependable instrument which will provide years of reliable service.

- A sapphire equips every compass : its hardness is a warranty for the long life and precision of your compass.
- All Plastimo compasses feature an anti-vibration system, which ensures a minimal contact between the pivot and the sapphire cup ; the latest-born "Vibration absorber" device damps spinning caused by high-speed pounding and vibration.
- A compass is a meticulously engineered instrument : all the "precious" components are produced by Swiss clock-makers, worldwide famous for their legendary precision.
- The soft Viton® diaphragm or the semi-soft ultra-sound welded diaphragm is fully waterproof and has an extreme expansion and retraction capacity : it compensates the fluctuations in fluid volume caused by the differences in temperature and atmospheric pressure.
- All plastic components -and more specifically the material used for the dome- are carefully selected to withstand shocks, UV-rays and harsh marine environment.
- The crystal transparency of the dome and the exceptional magnifying index of the fluid contribute to the perfect legibility of the card.

Viton® is a registered trade mark of Dupont de Nemours.

Innovation stems from state-of-the-art Research & Development.

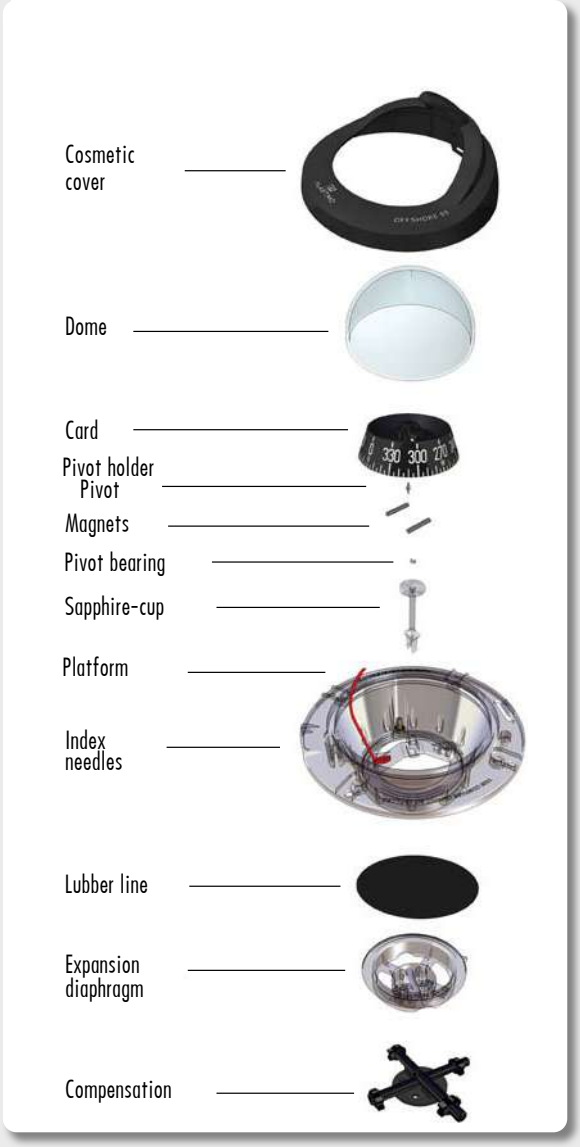
For over 50 years, the Plastimo Research and Development department has created and engineered extremely dependable compasses, combining top performance with stylish design. Building on the same development philosophy, our engineers now use the most sophisticated computer assisted design programs.

To be allowed on your boat, a Plastimo compass must pass challenging quality control tests.

Needless to say, all Plastimo compasses comply with the regulation… but Plastimo's stringent requirements are even more demanding : at every stage of production, each compass is tracked, checked and thoroughly inspected, so that quality is never a coincidence.

- Accelerated ageing tests, carried out in our laboratories, guarantee that the dome and all other components are totally impervious to UV rays.
- Vibration tests used to simulate the vibrations generated by rough sea and high-speed : the card must remain absolutely stable, whatever the vibration frequency. While the regulation requires tests from 7 to 40 Hz, Plastimo challenges its compasses to tests between 5 and 100 Hz.
- Temperature tests : our compasses are tested in heated and refrigerated cabinets from +60° to -30° C (+180° to -70 °F). Èven in these extreme temperatures, the compass must not leak or develop bubbles.

P & F Vernay - Polar Lys, Groenland



- Stability tests : when the card is deflected (40° or 90°), it must return to its original position and settle within a predetermined time (called the "half-period").
- Precision and accuracy are tested on each cardinal point. After a 95° deflection, the card must return to its original position, within a 1° maximum allowance.
- Packaging protection : in order to guarantee optimum protection during transport, we regularly drop test our packaged compasses from a 1 metre height to a hard surface.
- Final quality tests : assembled, packaged and ready for shipment, Plastimo compasses are once again inspected with a statistical sampling.

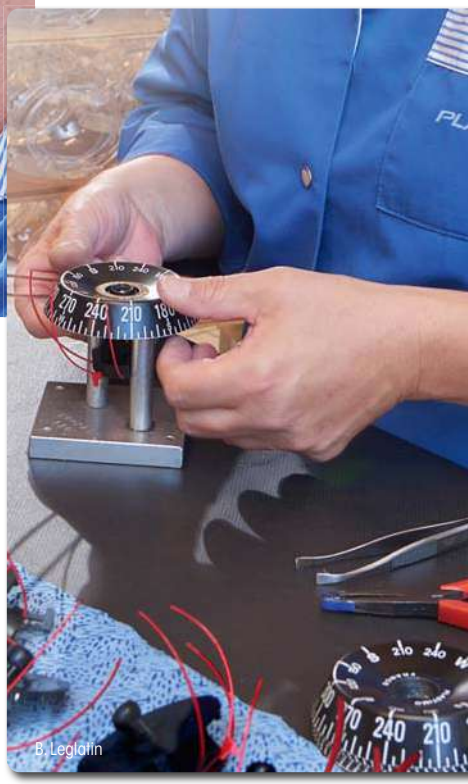
5 year Warranty

These stringent tests and quality assurance procedures allow Plastimo to offer a 5-year warranty on all its compasses, and to certify an outstanding quality that meets all European and ISO 25862 specifications.

4 million compasses 100 % handcrafted by Plastimo

The most prestigious racers,
the most demanding boatbuilders,
the most safety conscious yachtsmen
keep on the right course with Plastimo.

PLASTIMO



Excellence in compass-craft

For over 50 years, we have owed our position as market leader not only to our extensive range of 400 models, but also to our continuous effort to offer you such a top quality product that you never have chance to mention it, except than recommend it to a friend getting ready to equip his boat.

Compass production is fully controlled in our Lorient (France) factory.

Produced from state-of-the-art injection moulding machines, domes are individually inspected, thus eliminating the slightest risk of imperfection-optical or mechanical.

Every compass card is balanced manually to ensure its perfect horizontality. This is an extremely delicate operation, requiring patient and scrupulous craftmanship which only years of experience can bring.

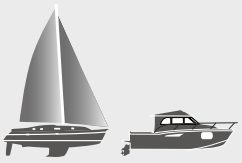
Printing and legibility of the card must pass microscopic examination. Quality and durability of the printing are fundamental. Once the compass is assembled, the magnification of the card is such that the slightest flaw would be intolerable. Plastimo owes its position as market leader to this uncompromisingly stringent selection of cards.

A Plastimo compass is a meticulously engineered instrument. The complexity of components and the extreme accuracy required at every stage forbids production automation ; every compass is assembled manually. Even when brand new, it already has an interesting history…

The oven test is used to detect possible leaks. Each compass is placed for 1h30 in a cabinet heated to +60 °C. As this produces an expansion of the fluid, the diaphragm compensates for volume fluctuations.

How to select your compass?

Selecting the best compass for your boat is extremely important, as the compass will be the helmsman's or pilot's navigation mate for many years. To help you choose, we suggest that you ask yourself the following simple but essential questions :



• What type of boat do you own?

Dinghy, cruising boat, racing boat, powerboat, kayak or yawl… You should know that the main differences between a sailboat and a powerboat (in terms of compass construction) are the heeling angle and the resistance to vibration and shocks. These technical elements are of course integrated in the engineering of our compasses..

• What is your navigation programme ?

Day sailing, cruising, passage making, racing… you will select a compass with or without lighting, with or without compensation, with the right card balanced for the geographical card where you are going to sail, with a plain or tactical card.

• Which size of compass ?

If the compass is designed to be read from a distance, you will need a larger compass. Generally speaking and as a benchmark indication, you should select a card apparent diameter between 70 and 90 mm, for a 5 to 9 m boat (17-30 ft).

• Which type of mounting ?

Flushmounted on a horizontal, vertical or inclined bulkhead, on a binnacle or mini-binnacle, on a bracket, in a take-away or mast-mounted version… you must choose a compass which remains easily readable (shape of card) at all times. The Plastimo range of compasses covers all mounting options and all our models are designed for minimum drilling and screwing. Last but not least, be stylish : often located at the heart of your boat, your compass should ideally match and enhance the character of your boat ; you will therefore pay particular attention to its design and colour.

Flat card

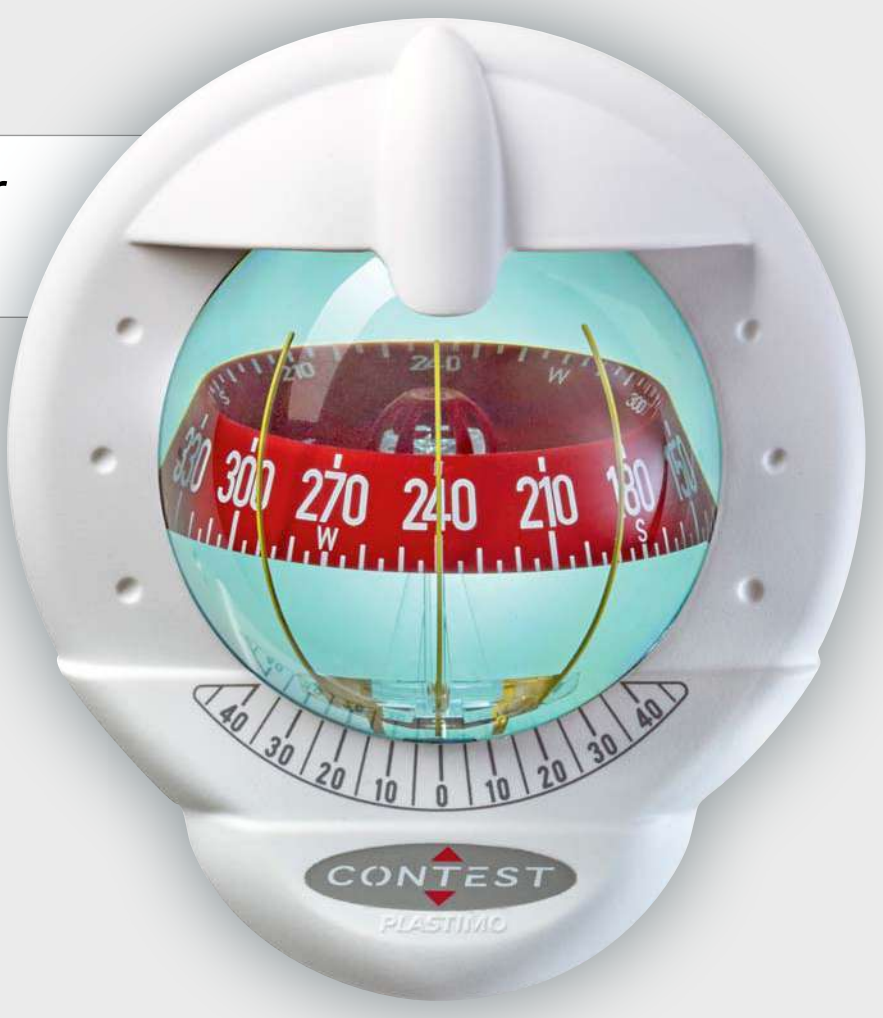
A flat card is read on the back edge, where the lubberline is located. The fluid magnifies the numerals which become easier to read. In addition, the flat card provides a global view of the card and its North point in relation to the boat's direction.

Conical or cylindrical card

Reading from the front and the top of the card. In addition to front reading, this type of card usually features numerals and cardinal points on the top part of the card, thus providing two reading possibilities. This card is particularly suitable when steering or piloting is done sitting or standing.

A jewel on your dashboard

While holding the course is ovbiously the primary function of a compass, we at Plastimo, believe that elegance and style add to your sailing pleasure. We have designed your compass to enhance your boat. You will be proud of it.
Plastimo compasses have been presented with several prizes, of which the most impressive are French, Japanese, German and American Design Awards.



Installation on board

Flushmount on horizontal surface

This extra-flat version provides an excellent viewing angle and also reduces vibrations by absorbing them. On a powerboat, a flushmount compass is ideal for the flybridge, the upper deck or the central steering pod ; on a sailboat, a flushmount compass will be ideally located on either side of the deck or mounted on a binnacle.

Bracket

Very popular on powerboats, a bracket allows for swift and easy mounting whatever the location. It is particularly suitable on surfaces with awkward angles. A bracket-mount compass can generally be taken away for safe storage, which is a real plus on a powerboat with no cabin.

Mini-binnacle

Ultra-slim and compact version ; does not require any cut-out hole. The compass can be taken away for safe storage.

Mast-mounting

If you have only little space available, mast installation can be the answer. It is very easy to carry out thanks to a specific mast mounting kit.

Flushmount on vertical or inclined surface

(often known as bulkhead or dashboard compass)

A bulkhead compass is generally mounted on the cockpit side of the cabin bulkhead, allowing easy viewing from the cockpit (and also from the cabin, with the famous Contest 101). On a powerboat, this is ideally suitable for a vertical dashboard or a central steering pod.

Binnacle for steering wheel

For sailboats with a steering wheel.

On fixing bracket

Often a multi-function compass (combines course + handbearing functions), this type of compass is usually removable for storage.

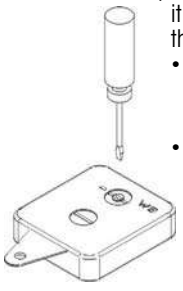
Compensation

DEVIATION :
See adjustment procedure on www.plastimo.com

Compasses are supplied with built-in compensation, or can be further equipped with an optional compensation. Compensating a compass consists in adjusting the position of the 2 magnets, in order to affect the horizontal component of the card by modifying the North/South and East/West deviation. The compensation procedure is a delicate operation and should ideally be carried out by a professional compass adjuster.

How to compensate a compass

Use a second compass as the reference ; a handbearing compass is often the most convenient, provided it is interference-free. The North-South screw corrects North-South heading ; the East/West screw corrects East-West heading.



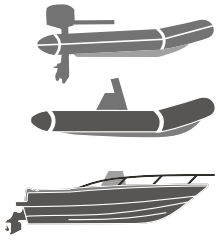
- Run the boat along the Northerly course selected as per your handbearing compass and adjust your steering compass by turning the North and South screws either way, so that the steering compass also points North.
- Repeat the procedure, running the boat Easterly.
- Run the boat Southerly and this time, reduce the deviation by half.
- Run the boat Westerly and reduce the deviation by half.
- Note : Upon completing the compensation procedure, it is essential to draw a new deviation table.

Offshore® compass

Offshore® 55

ISO 25862

MADE BY PLASTIMO



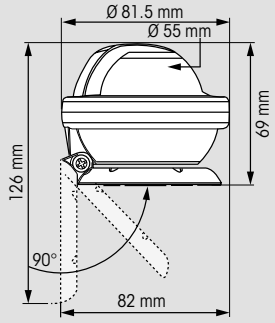
5 year Warranty

Ideal on small size power boats, up to 6 metres (20 ft).

Offshore® 55

- Black card, black flange : **63854**
- White card, white flange : **63855**

- **Bracket-mount**
  Large stable base absorbs vibrations, simply screwed on dashboard.
- **Card**
  Contributes to safety and provides reliable reading, whatever the ambiant light and weather/ navigation conditions (conical card, perfectly stable, 55 mm apparent diameter).
- **Moulded-in notch to visualise heading easily.**
- **Materials**
  All parts fully UV-ray treated. Scratch resistant dome.
- **Watertight construction**
  One-piece moulded flange and bowl. Diaphragm for absolute watertightness.



When screwing the base to dashboard, make sure that compass card and cell are perfectly horizontal.

Universal balance

Options & Accessories

- ***Compensation : 17673***
- ***Optional lighting : 62037***
  12/24 V LED bulb

	OFFSHORE 55
Boat size	**Powerboats up to 6 metres (20 ft).**
Card	Conical card graduated every 5°. Apparent Ø 55 mm. Heading numerals every 30°.
Mounting	Bracket-mount, on a horizontal, tilted or vertical surface.
Reading	1 moulded-in notch to visualise heading easily.
Compensation	Optional (access by removing the top flange)
Lighting	Optional : 12/24 V LED bulb. Access by removing the top flange.
Supplied with	Orientable installation base and screws.

Baptiste Leglatin ©

Also available in Kayak version, with shock cords and hooks.
See page 356.

Offshore® 75

Jeanneau ©

The Offshore 75 compass benefits from Plastimo's invaluable experience in compass engineering. Whatever the boat speed or vibrations, the Offshore 75 remains fully efficient, thanks to the exclusive "Vibration Absorber" system which guarantees an exceptional card stability in all conditions.

5-8m

VIBRATION ABSORBER

5 year Warranty

ISO 25862

RESISTANCE TO VIBRATIONS
tested by LCIE*, no. 30559010.
"VIBRATION ABSORBER" exclusive system :
Minimal contact between the pivot and the sapphire cup.
*French official testing laboratory.

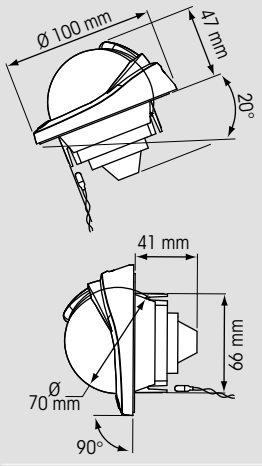
Installation

- **Flushmount on horizontal surface :** compact compass (fastening with screws).
- **Flushmount on vertical or inclined surface/dashboard :** fits any surface whatever the angle (fastening with screws). Interchangeable with any compass of equivalent size.
- **Mini-binnacle :** to be mounted on a horizontal surface thanks to the unique clip-plate which allows the compass to be removed.
- **Bracket :** the broad and sturdy bracket base absorbs the vibrations. Mounting can be done on any surface whatever the angle, provided that the compass + card unit remains horizontal at all times. Bracket-mount compass can also be removed when fitted with clip-plate.

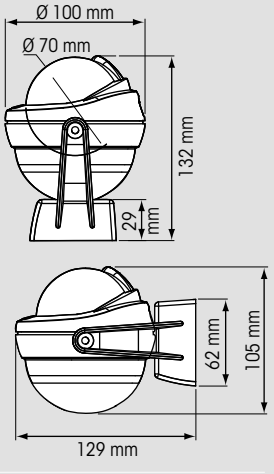
Offshore® 75

	OFFSHORE 75
Boat size	**Powerboats of 5 to 8 metres (17 to 26 ft).**
Compass card	Conical card graduated every 5° apparent Ø 70 mm. Heading numerals every 30°.
Mounting	Flushmount : on a horizontal, vertical or inclined surface.
	Mini-binnacle : mounted on a horizontal surface thanks to a clip-plate (supplied) ; compass is removable.
	With a bracket : mounted on a horizontal or inclined surface. Compass is removable thanks to clip-plate.
Resistance to vibrations and hull pounding	Magnetic cell equipped with the unique "Vibration Absorber" system.
Lubber line	1 lubber line.
Compensation	Optional (on mini-binnacle and bracket-mount models)
Lighting	12-24 V. LED included on all Offshore models. No lighting on Offshore Basic.
Supplied with	Clip-plate, screws, drilling template.
Approval/homologation	ISO 25862 compliant.

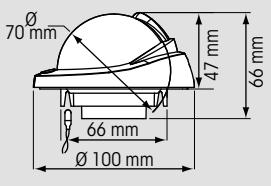
Flushmount/dashboard



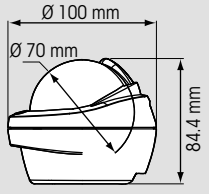
Bracket-mount



Flushmount



Mini-binnacle



Card
- Card design guarantees accurate readings and safe navigation under all weather or light conditions.
- Perfect stability of conical card, 70 mm apparent diameter.
- Every card is balanced individually in our workshops.
- Front reading : graduation every 5° and compact figures allow for easy reading.

Lighting
Led is integrated in the bowl, thus spreading the illumination evenly and preventing eye strain and fatigue at night.

Lubber line
Red for instant recognition.

Materials
- All parts fully UV-ray treated.
- Scratch resistant dome.

Watertight construction
- One-piece moulded flange and bowl.
- Viton® diaphragm with extreme expansion and retraction capacity : compensates the fluctuations in fluid volume caused by the differences in temperature and atmospheric pressure, thus preventing the formation of bubbles.
- Lighting integrated in the bowl.

Access to compensation or lighting
Extremely easy access to compensation or lighting with unique flange-clip system.

Compensation
Only bracket-mount and mini-binnacle versions can be equipped with optional compensation box.

OFFSHORE 75 Basic, sans éclairage	Black card, white flange	Lubber line
Mini-fût pour plan horizontal	White : **63863**	Red
Sur étrier pour plan horizontal ou vertical	White : **63864**	Red

OFFSHORE 75, with lighting	White card & flange	Black card black flange	Lubber line
Flushmount horizontal surface	**63858**	**63857**	Red
Flushmount/dashboard vertical or 20 to 90° inclined surface	**63860**	**63859** White card	Fluorescent orange
Mini-binnacle horizontal surface	White : **63862**	Black : **63861**	Red
Bracket-mount, horizontal or vertical surface	White : **63866**	Black : **63865**	Red

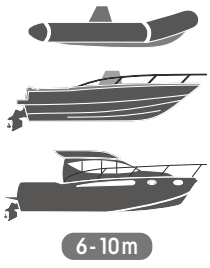
Accessories

Compensation : 17673

Plasticlip : 37035
Black plastic clip, allows swift and easy installation of a bracket-mount compass on any tube Ø 18.5 to 22.5 mm.

J.M. Liot©

Offshore® 95



6-10m

ISO 25862

VIBRATION ABSORBER

5 year Warranty

Offshore® 95

	OFFSHORE 95
Boat size	**Powerboats from 6 to 10 m (19 to 33 ft)**
Compass card	Conical or flat card graduated every 5°, apparent Ø 81 mm. Heading numerals every 30°.
Mounting	• Flushmount, on a horizontal surface. • With a bracket : mounted on a horizontal or inclined surface. Compass is removable thanks to clip-plate.
Resistance to vibrations and hull pounding	Magnetic cell equiped with the unique "Vibration Absorber" system.
Lubber line	1 lubber line.
Compensation	Supplied as standard.
Lighting	12-24 V LED.
Supplied with	Clip-plate, screws, drilling template.
Homologation	ISO 25862 compliant.

OFFSHORE 95	flushmount	bracket
• BLACK COMPASS		
black flat card	**65732**	**65734**
black conical card	**65733**	**65735**
• WHITE COMPASS		
black flat card	**65736**	**65739**
black conical card	**65737**	**65740**
white conical card	**65738**	**65741**

Universal balance : around the world with one compass.

Card
Outstanding legibility under all weather and light conditions for optimum comfort and accurate readings.
- Perfect stability of conical or flat card, 81 mm apparent diameter.
- Every card is balanced individually in our workshops.
- Graduation every 5°.

Lubber line
Red, for instant recognition.

Watertight construction
- One-piece moulded flange and bowl.
- Viton® diaphragm with extreme expansion and retraction capacity : compensates the fluctuations in fluid volume caused by differences in temperature and atmospheric pressure, preventing the formation of bubbles.

Materials
- All parts fully UV-ray treated.
- Scratch resistant dome.

Lighting
LED light spreads illumination evenly and prevents eye strain and fatigue at night.

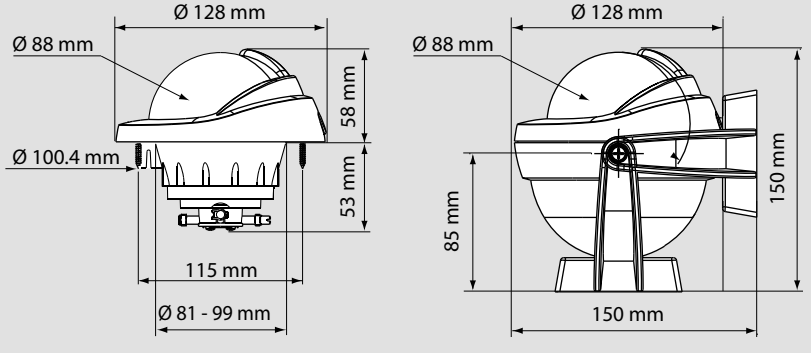
Access to compensation or lighting
- Extremely easy access to compensation or lighting with unique flange-clip system.
- Compensation can be adjusted from the outside, with no need to open the compass on the bracket version.

VIBRATION ABSORBER

Optimum vibration-resistance for a perfect stability of the card. "Vibration Absorber" exclusive system : minimal contact between the pivot and the sapphire cup.

Installation

- **Flushmount on horizontal dashboard :** compact design, interchangeable with Offshore 90 and most compasses of equivalent size.
- **Bracket :** broad and sturdy bracket base absorbing vibrations. Mounting can be done whatever the angle, provided that the compass and card unit remain horizontal at all times. Bracket-mount compass can also be removed when fitted with clip-plate.



Options

- ***Protective cover : white : 55402 black: 55599***

- ***Plasticlip : 37035***

Offshore® 115

PLASTIMO

Altair Yachts ©

SOLAS

5 year Warranty

ISO 25862

Offshore® 115

	OFFSHORE 115
Boat size	**Powerboats of 8 to 12 metres (26 to 40 ft).**
Compass card	Conical or flat card graduated every 5°. Apparent Ø 101 mm. Heading numerals every 30°.
Hood	Articulated protective hood : built-in sliding cover, composed of 3 telescopic parts, with cushioned closing.
Mounting	• Flushmount : on a horizontal surface. • Binnacle available as option.
Resistance to vibrations and hull pounding	Magnetic cell equipped with the unique "Vibration Absorber" system.
Lubber line	1 lubber line.
Compensation	Supplied as standard.
Lighting	12-24 V LED.
Supplied with	Screws, drilling template.
Approval/homologation	SOLAS ISO 25862.

Universal balance : round the world with one compass.

OFFSHORE 115	
• BLACK COMPASS	
black flat card	**60992**
black conical card	**60991**
• WHITE COMPASS	
black flat card	**60993**
black conical card	**60990**
white conical card	**60989**

Watertight construction
- One-piece moulded flange and bowl.
- Viton® diaphragm with extreme expansion and retraction capacity : compensates the fluctuations in fluid volume caused by differences in temperature and atmospheric pressure, preventing the formation of bubbles.

LED lighting
- Energy saving.
- High resistance to shocks.
- Increased lifetime.
- Same bulb is suitable for 12 or 24 V power supply.

Articulated hood : built-in sliding cover composed of 3 telescopic parts with cushioned closing.

VIBRATION ABSORBER

Resistance to vibrations tested by French testing laboratory LNE. "Vibration Absorber" exclusive system : Minimal contact between the pivot and the sapphire cup.

Options

- ***Binnacle***

Black : 61000

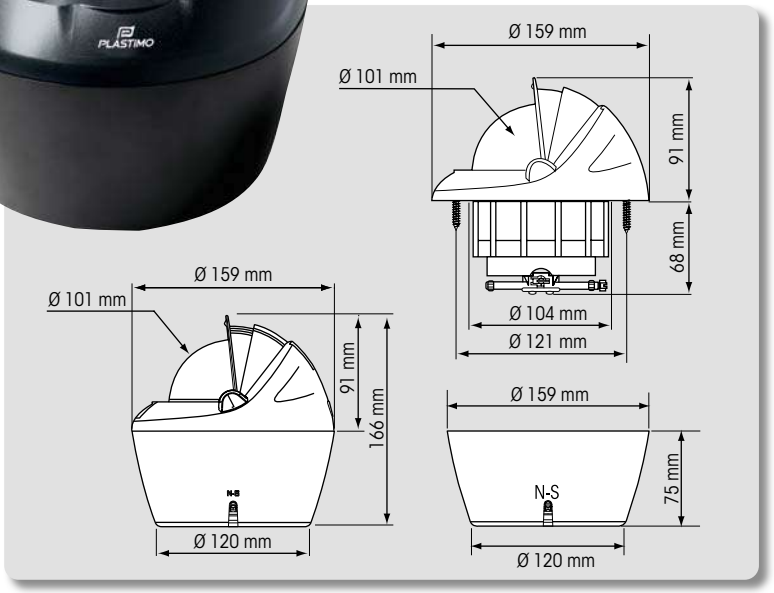
White : 61001

- ***Protective hood***

Black : 61002

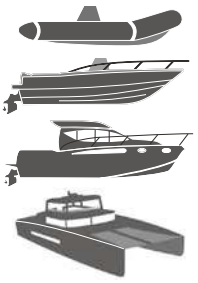
White : 61003

- ***Spare LED lighting : 62037***



Offshore® 105 & 135

Jeanneau / J.M. Liot ©



5-10m

ISO 25862

5 year Warranty

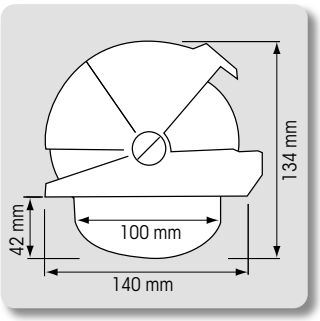
Universal balance : around the world with one compass

Built-in articulated hood : slide it gradually on the compass to adapt to the light and avoid glare on the dome. When totally shut, your compass is perfectly protected.

The optional bracket provides additional mounting possibilities, either on a horizontal dashboard or on a vertical bulkhead.

Offshore 105

	OFFSHORE 105
Boat size	**Powerboats of 5 to10 m (17 to 33 ft).**
Compass card	Graduated every 5°, apparent Ø 91 mm. Heading numerals every 30°.
Hood/sunshade	Articulated protective hood : built-in sliding cover, composed of 3 telescopic parts.
Mounting	Comes as standard in a flushmount version. Can be bracket-mounted with the addition of optional bracket.
Resistance to vibrations and hull pounding	Magnetic cell mounted on shock absorbers.
Lubber line	1 lubber line.
Compensation	Supplied as standard.
Lighting	12-24 V. LED
Approval/homologation	ISO 25862 compliant.

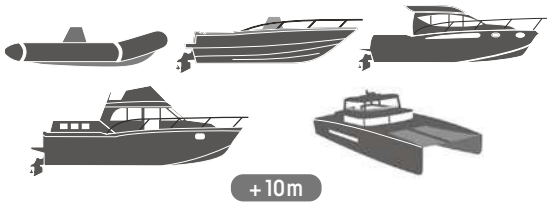


OFFSHORE 105	Flushmount
• BLACK COMPASS	
black flat card	**65004**
black conical card	**65001**
• WHITE COMPASS	
black flat card	**65005**
black conical card	**65002**
white conical card	**65003**

A bracket-mount compass consists in one flushmount compass, plus one bracket kit (indicate both references when ordering).

SOLAS

5 year Warranty



Offshore 135

The famous Offshore compass with built-in articulated hood, most popular on open dayboats, RIB's, power cruisers and catamarans.

Flush- or bracketmount, it adapts to all steering pods or dashboards and offers optimal readability. Magnetic cell construction features shock absorbers for added resistance to vibrations and hull pounding.

Bracket for Offshore 105 & 135

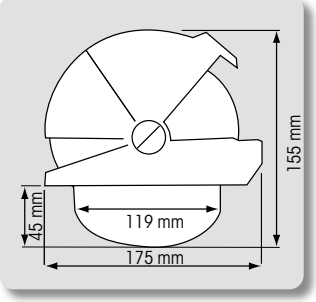
The optional bracket makes bulkhead mounting easier while avoiding to cut the dashboard.
The bracket slides onto a fixing plate, allowing easy removal.

The bracket kit includes the actual bracket and the adequate screws.

	For Offshore 105	For Offshore 135
Black bracket	**17268**	**17260**
White bracket	**17267**	**17262**

	OFFSHORE 135
Boat size	**Powerboats of 10 m and above (33 ft +).**
Compass card	Graduated every 5°, apparent Ø 130 mm. Heading numerals every 30°.
Hood / sunshade	Articulated protective hood : built-in sliding cover, composed of 3 telescopic parts.
Mounting	Comes as standard in a flushmount version. Can be bracket-mounted with the addition of optional bracket.
Resistance to vibrations and hull pounding	Magnetic cell mounted on shock absorbers.
Lubber line	1 lubber line.
Compensation	Supplied as standard.
Lighting	12-24 V. LED
Homologation	SOLAS ISO 25862

Universal balance on flat card models

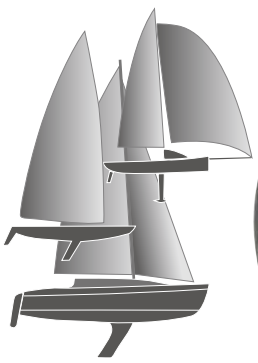


OFFSHORE 135	Flushmount
• BLACK COMPASS	
black flat card	**65350**
black conical card	**23484**
• WHITE COMPASS	
black flat card	**65524**
black conical card	**23493**

A bracket-mount compass consists in one flushmount compass, plus one bracket kit (indicate both references when ordering).

Contest® compasses

PLASTIMO



-9 m

Mini-Contest®

ISO 25862

5 year Warranty

Features the legendary accuracy and legibility of the Contest card, with a smaller footprint on bulkhead or mast.
Ideal on agile sailboats and sportsboats up to 9 m.

MINI-CONTEST	
White	**65743**
Black	**65742**

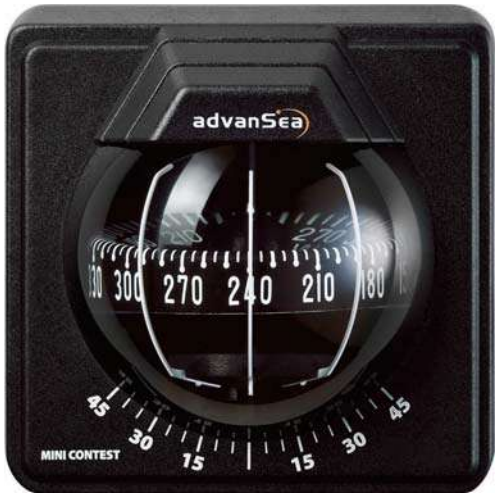
	MINI-CONTEST
Boat size	**Sailboats up to 9 m (30 ft).**
Compass card	Conical red card graduated every 5°, Apparent Ø 81 mm. Heading numerals every 30°.
Mounting	• On vertical bulkhead. • On the mast (with the optional mast mounting kit).
Lubber lines	3 lubber lines, at 45°.
Heelmeter	Graduated every 10°.
Compensation	Optional.
Lighting	12-24 V. LED
Supplied with	Protective cover, drilling template, threaded rods.
Homologation	ISO 25862 compliant.

Mini-Contest advanSea

Mini-Contest AdvanSea is a highly accurate compass, developed to match ideally the AdvanSea range of marine electronics instruments.

MINI-CONTEST ADVANSEA	
black, black card	**28976**

	MINI-CONTEST ADVANSEA
Boat size	**Sailboats up to 9 m (30 ft).**
Compass card	Cylindrical card, graduated every 5°. Apparent Ø 85 mm. Heading numerals every 30°.
Mounting	On vertical bulkhead.
Lubber lines	3 lubber lines, at 45°.
Heelmeter	Graduated every 15°.
Lighting	12-24 V. LED
Supplied with	Protection cover, drilling template.
Homologation	ISO 25862 compliant.



Watertight construction

- One-piece moulded flange and front dome.
- Viton® diaphragm with extreme expansion and retraction capacity : compensates the fluctuations in fluid volume caused by differences in temperature and atmospheric pressure, thus preventing the formation of bubbles.

Card

- Excellent legibility whatever the weather conditions and light.
- Conical, highly stable, 81-mm apparent diameter.
- Individually balanced.
- Graduation every 5° and compact figures for easy reading.

3 lubber lines

For dependable readings even when steering windward.

Materials

- All parts fully UV-ray treated.
- Scratch resistant dome.

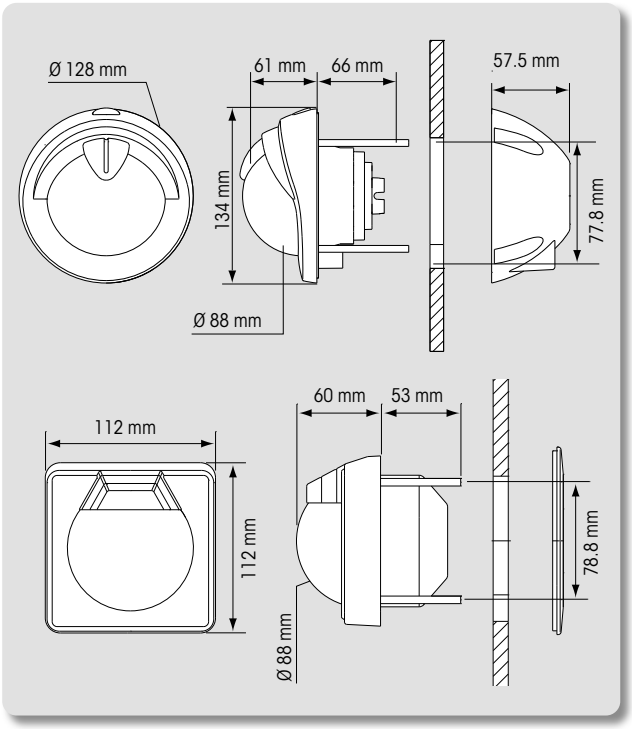
Lighting

LED light spreads the illumination evenly over dome and card, and prevents eye strain and fatigue at night. Easy access to the light bulb from the front of the compass.

Mounting

Vertical bulkhead :

- Mini-Contest is compatible with drilling Ø of former model same size.
- Fits any bulkhead thickness :
  - Standard thickness (40 mm max) : the compass is secured with threaded rods
  - Thick or double bulkhead : the compass is secured with Parker screws on both sides of the bulkhead.



Options & accessories

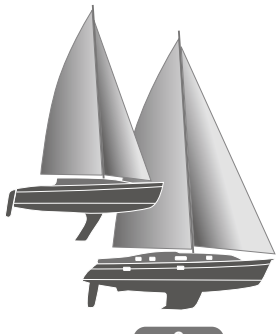
• Pprotective cover AdvanSea : white 29361

• Protective cover Mini-Contest : white 55402 black 55599

• Compensation : 17673

Contest® 101

When Plastimo invented the double reading compass, it was a major innovation which allowed the yachtsman to follow his course from the cockpit and the cabin. The Contest 101 goes a step further : its exclusive mounting possibilities on any bulkhead -whatever the thickness- and its aesthetics allow the Contest 101 to adapt perfectly to today's yachts, both in terms of engineering technique and glamorous design.



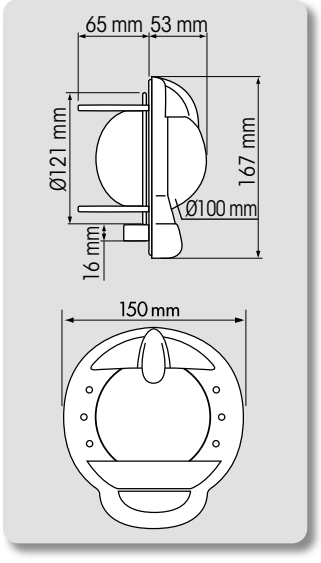
+ 9 m

ISO 25862

5 year Warranty

Contest® 101

	CONTEST 101
Boat size	**Sailboats 9 m and above (30 ft +).**
Double reading	From cockpit and cabin.
Compass card	Double graduation : horizontal and vertical. Conical card, graduated every 5°, apparent Ø 100 mm. Heading numerals every 30°.
Mounting	Comes as standard in a bulkhead version (vertical or 10-25° inclined bulkhead). Can be mast-mounted with the addition of optional mast-mounting kit.
Lubber lines	3 lubber lines, at 45°.
Heelmeter	Graduated every 10°.
Compensation	Optional.
Lighting	12-24 V LED
Supplied with	Protection cover, drilling template.
Homologation	ISO 25862 compliant



Universal balance : around the world with one compass.

Every compass card is balanced manually to ensure its perfect horizontality. This is an extremely delicate operation, requiring patient and scrupulous craftsmanship which only years of experience can bring.

Options & accessories

Spare protection cover : 25332
Just in case it would fall overboard… as it is originally supplied as standard.

Mast mounting kit : 39201

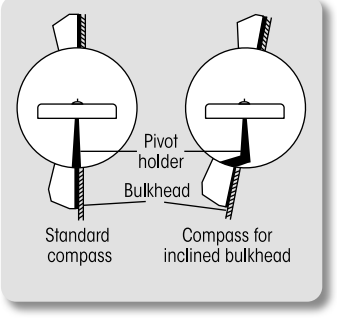
Compensation : 17673

You have replaced your electronics, modified your cockpit and your compass doesn't quite "match" any longer… Just by replacing the colour bezel of your initial Contest 101, you can change its look in seconds.

Bezel for Contest 101
Black : 26891 White : 26892 Blue : 26893

CONTEST 101	Bulkhead-mount vertical	Bulkhead-mount inclined 10-25°
• BLACK COMPASS		
red card	**64416**	**64418**
black card	**64421**	**64422**
• WHITE COMPASS		
red card	**64417**	**64419**
white card	**64423**	**64424**

The model for inclined bulkhead is designed for a bulkhead tilted by 10 to 25° from vertical. The card remains fully efficient, even with a very high angle of pitch.



INCONTESTABLE !

Contest 101 compass

Lighting

- LED light spreads the illumination evenly over dome and card, and prevents eye strain and fatigue at night.
- Easy access to the light bulb, from the front of the compass.

Watertight construction

- One-piece moulded flange and front dome.
- Viton® diaphragm with extreme expansion and retraction capacity : compensates the fluctuations in fluid volume caused by the differences in temperature and atmospheric pressure, thus preventing the formation of bubbles.

Materials

- All parts fully UV-ray treated.
- Scratch resistant dome.

3 lubber lines

For dependable readings even when steering windward.

Double reading

From both cockpit and cabin.

Anti-theft design

Thanks to moulded-in sunken head screws.

Compensation

Easy access to compensation box, from the front of the compass.

- Exclusive installation design allows the compass to fit any bulkhead, vertical or inclined up to 25° front tilt,
  - either by screwing from the cockpit side,
  - or by screwing from the cabin side, as an anti-theft security.
- Fits any bulkhead thickness :
  - Bulkhead of standard thickness (up to 40 mm) : the compass is secured with threaded rods.
  - Thick or double bulkhead : the compass is secured with screws on both sides of the bulkhead.
- Supplied with back flange for neat installation from cabin side.

Simply swap them without any new hole, and without any tooling.
The Contest 101 has the same mounting footprint as the Contest 100 .

Contest® 130

+ 9 m

SOLAS

5 year Warranty

The bracket version Contest 130 is particularly suitable for boats with enclosed cockpits. The bracket allows the compass to be mounted in any position and is also removable instantly.

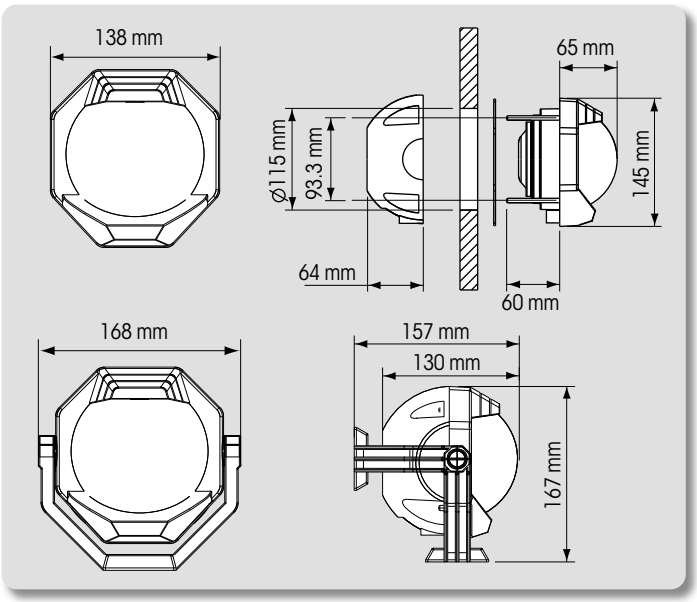
Contest® 130 GOLDEN°GLOBE°RACE

The perfect card stability and exceptional magnification of the Contest 130 give the user an unparalleled quality of reading, by day or by night. **The Contest 130 remains perfectly legible from a 5 m distance.**

Selected by the Golden Globe Race 2018 entrants, the Contest 130 is the choice of sailors who actually use their compass and rely on it.

	CONTEST 130
Boat size	**9 metres and above (30 ft +)**
Compass card	Double graduation : horizontal and vertical. Conical card, graduated every 5°, apparent Ø 127 mm. Heading numerals every 30°.
Mounting	• Bulkhead (vertical or 10°-25° inclined bulkhead). • On a bracket.
Lubber lines	3 lubber lines, at 45°.
Heelmeter	Graduated every 10°.
Compensation	Included as standard.
Lighting	12-24 V. LED
Supplied with	Protection cover, drilling template.
Homologation	SOLAS ISO 25862.

The model for inclined bulkhead is designed for a bulkhead tilted by 10° to 25° from vertical. The card remains fully efficient, even with a very high angle of pitch.



CONTEST 130	Bulkhead-mount vertical	Bulkhead-mount inclined 10-25°	Bracket-mount
• BLACK COMPASS			
black card	**39669**	**40034**	-
red card	**17291**	**17292**	**17293**
• WHITE COMPASS			
red card	**17294**	-	**17295**

Accessory

• Spare protection cover : 17296

Olympic® compasses

Specifically designed for sailing boats, the Olympic compasses feature an exceptionally steady card and remain absolutely accurate whatever the heeling angle and the weather conditions.

PLASTIMO

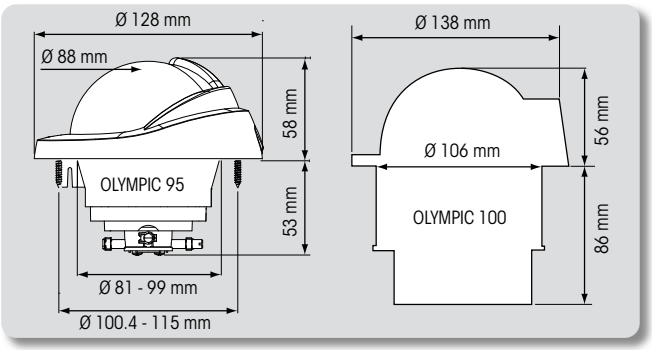
5 year Warranty

Olympic 95 & 100

Card
- Excellent readability whatever the weather conditions and light.
- Individually balanced.

Materials
- All parts fully UV-ray treated.
- Scratch-resistant dome.

Mounting
- Flushmount, horizontal surface.
- Interchangeable with most compasses of equivalent sizes.



Accessories

Protective cover :

- ***Olympic 95 :***
  White : *55402*
  Black : *55599*

- ***Olympic 100 : 17287***

	OLYMPIC 95	OLYMPIC 100
Boat size	**Sailboat up to 9 m (30')**	**Sailboat 8 to 12 m (26-40')**
Compass card	Conical card graduated every 5°, Apparent Ø 81 mm. Heading numerals every 30°.	Conical or flat card, graduated every 5°. Apparent Ø 100 mm. Heading numerals every 30°.
Mounting	Flushmount on horizontal surface.	Flushmount on horizontal surface.
Lubber lines	3 lubber lines at 45°.	3 lubber lines at 45°.
Compensation	Included	Included
Lighting	12-24 V LED.	12-24 V LED.
Supplied with	Protective cover, drilling template, mounting screws.	Protective cover, drilling template, mounting screws.
Homologation	ISO 25862 compliant.	ISO 25862 compliant.

Universal balance : around the world with one compass

64763 63762

Olympic 95

The Olympic 95 is compatible with the Olympic 85 drilling Ø.

OLYMPIC 95	Flushmount
• WHITE FLANGE	
White conical card	**65751**

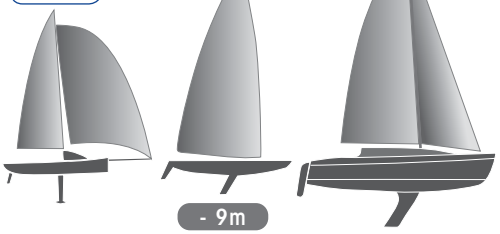
Olympic 100

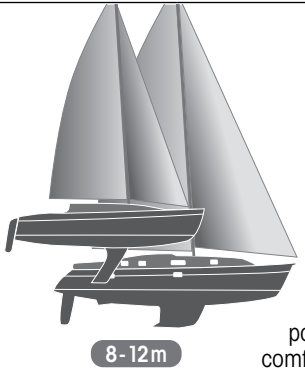
OLYMPIC 100	Flushmount
• WHITE FLANGE	
Black conical card	**64763**
Black flat card	**64762**

ISO 25862

Sailors' favourite flushmount compass : deck hugging design, crisp card and totally unaffected by heeling angle.

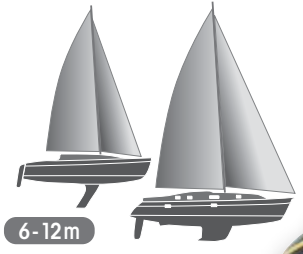
ISO 25862





LED lighting : power saving and comfortable reading.

Olympic® 115



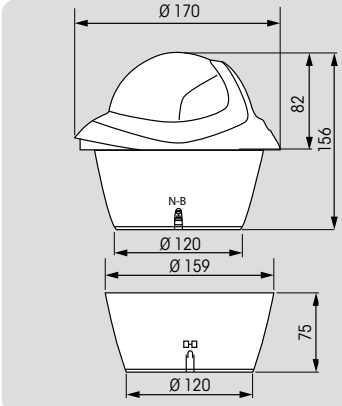
SOLAS ISO 25862 5 year Warranty

Olympic 115

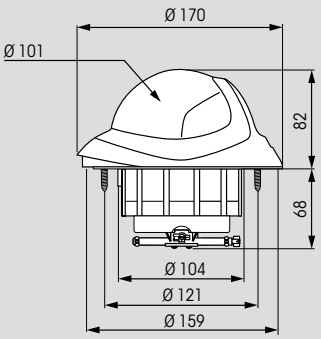
	OLYMPIC 115
Boat size	**Sailboat 6 to 12 m (19 to 40 ft).**
Compass card	Conical or flat card graduated every 5° Apparent Ø 101 mm. Heading numerals every 30°.
Mounting	Flushmount : on a horizontal or inclined surface, 45° max. Binnacle available as option.
Lubber line	3 lubber lines at 45°.
Compensation	Included, except on inclined model (45° max.)
Lighting	1 LED bulb 12/24 V, supplied as standard.
Supplied with	Protective cover, screws, drilling template.
Homologation	SOLAS-ISO 25862.

Universal balance : around the world with one compass.

OLYMPIC 115	Horizontal surface	45° inclined surface
• **BLACK COMPASS**		
Black flat card	**60997**	-
Black conical card	**60913**	**60999**
• **WHITE COMPASS**		
Black flat card	**60996**	-
Black conical card	**60912**	**60998**
White conical card	**61205**	-

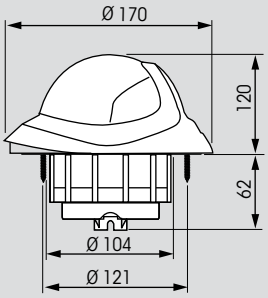


Horizontal surface



Dimensions in mm

Inclined surface



Watertight construction : one-piece moulded flange and bowl.

Tunnel rods provide easy access to compensators through the binnacle.

LED lighting
- Energy saving.
- High resistance to shocks.
- Increased lifetime.
- Same bulb is suitable for 12 or 24 V power supply.

Options

- ***Binnacle***

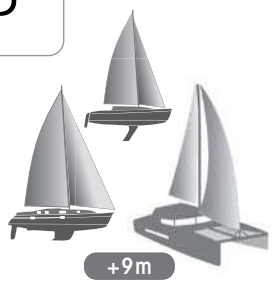
Black : 61000
White : 61001

- ***Spare protective cover***

Black : 61004
White : 61005

- ***Spare LED lighting 62037***

Olympic® 135



SOLAS

5 year Warranty

Olympic 135

Flushmount compass for steering console or wheel pedestal. Large flat card, ideal when steering standing.

ISO 25862

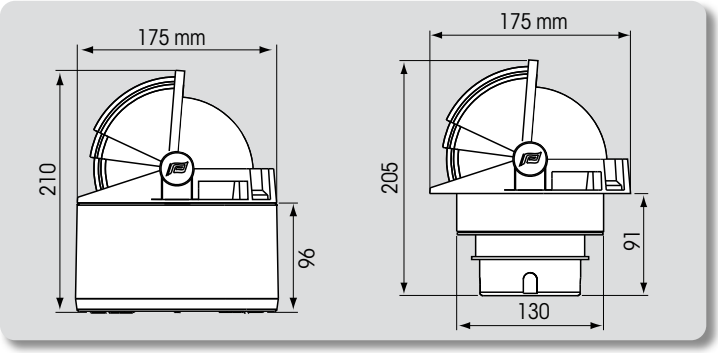
Stylish design : articulated protective hood that slides shut, opening and closing click-stop.

	OLYMPIC 135
Boat size	**Sailboat as from 9 m (30 ft+)**
Compass card	Flat card, graduated every 5°. Apparent Ø 130 mm. Heading numerals every 30°.
Hood/sunshade	Unique articulated protective hood : built-in sliding cover, composed of 3 telescopic parts.
Mounting	Pedestal mounting or minimal height flush mounting. Choice of 2 binnacles (96 mm high) ; Pedestal Ø 175 mm.
Lubber lines	3 lubber lines, at 45°.
Compensation	Supplied as standard.
Lighting	12-24 V. LED.
Supplied with	Drilling template.
Homologation	SOLAS ISO 25862.

OLYMPIC 135	Compass alone	Compass + white binnacle set	Binnacle alone
• BLACK COMPASS			White plastic : **10301**
red card	**65533**	**65530**	
black card	**65476**	**65529**	
• WHITE COMPASS			
red card	**65535**	**65532**	
black card	**65534**	**65531**	

Options

- ***Flushmount kit : 11781***
  Ensures fully watertight flushmount installation.
- ***Mounting kit for Goïot P 1077 : 11466***
- ***Whitlock binnacle for compensable Olympic 135 : 42131***



Olympic® 135 Open

Sail or poweryachts 9 m and above (30 ft +).
Ideal on sail or power catamarans.
Flushmount compass for deck or dashboard flushmount, or steering wheel pedestal.

Sunshield allows perfect card visibility from more than 200° viewing angle.

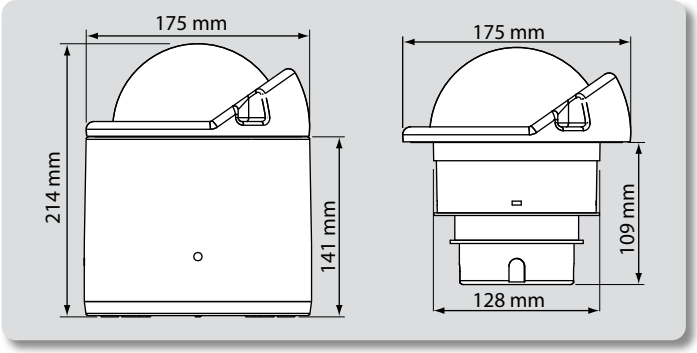
SOLAS

5 year Warranty

Olympic 135 Open

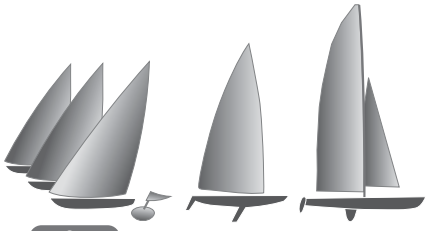
	OLYMPIC 135 OPEN
Boat	**Yachts -sailing and power- over 9 m (30').**
Card	Flat card graduated every 5°. Apparent Ø 130 mm.
Mounting	Flushmount on horizontal surface or pedestal-mount (with optional binnacle).
Lubber lines	3 lubber lines at 45°.
Compensation	Supplied as standard.
Lighting	12-24 V. LED
Supplied with	Sunshield and protective cover, drilling template.
Homologation	SOLAS ISO 25862.

OLYMPIC 135 OPEN	Compass	Binnacle
Red card	**65523**	**10300** (white plastic)
Black card	**65514**	

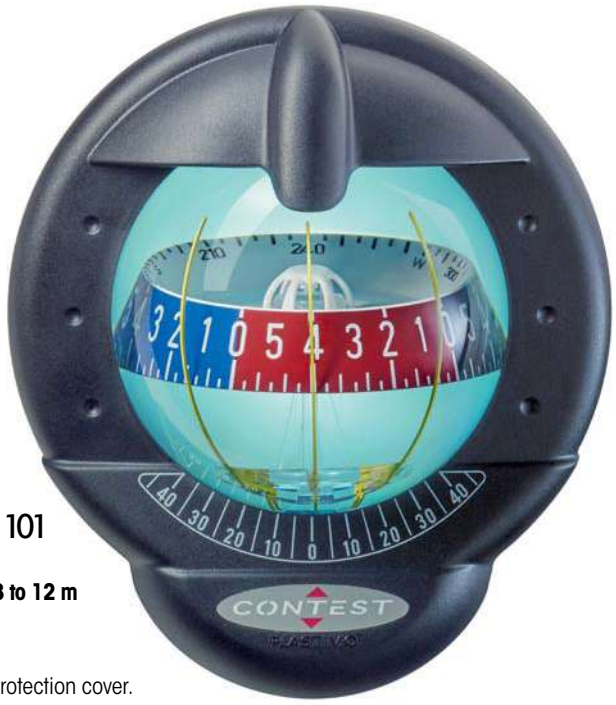


Universal balance : around the world with one compass.

Tactical compasses



-9m Small sailing boats



Contest 101 tactical

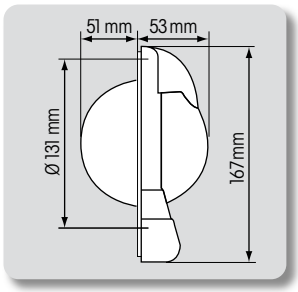
Sailboats of 8 to 12 m (26 to 40 ft).

64425

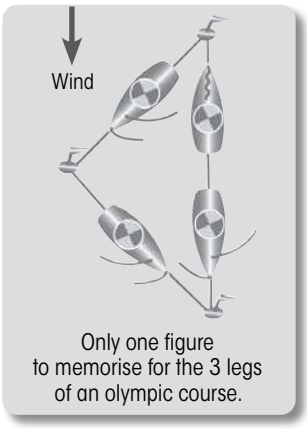
Comes with protection cover.

- Double reading : from cockpit and from cabin.
- Apparent diameter of tactical card : 100 mm.
- Functional heelmeter.
- ISO 25862 compliant.

Compensation : 17673



ISO 25862



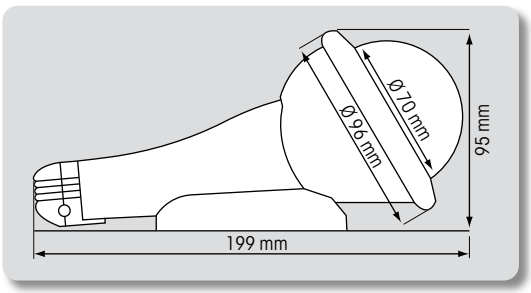
Iris 100 tactical

63867

Multi-position : horizontal, vertical, flat or even upside down installation. It can be taken away for storage, and moved to any convenient location on the boat : simply clip the shock-proof soft rubber casing to the bracket, a smooth-edge base that won't snag sails, lines or fingers.

- Conical card with vertical and horizontal reading.
- Gimballed magnetic cell : card remains perfectly horizontal, whatever the mounting angle.
- 6 mobile lubber lines.
- Weight : 295 g.
- ISO 25862 compliant.

Additional bracket : 22477
Order extra brackets for additional compass "stations".



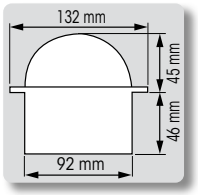
The Contest 101 tactical and Iris 100 tactical models combine the functions of :

- Main steering compass, from card horizontal surface. Course is read from the lubber lines mounted in the lower part of the bowl.
- Tactical compass, from card vertical section (direct reading). Tactician-crew only needs to memorise one figure for the 3 legs of an olympic course.

Olympic tactical

17250

- Flat card, slightly dished.
- Apparent diameter of the card : 85 mm.
- 5 lubber lines.
- Weight : 375 g.



470 series and Plastimo have celebrated their 50th anniversary : lots of fond memories and success together !

Specialty compasses

VIBRATION ABSORBER

Mini-C compass

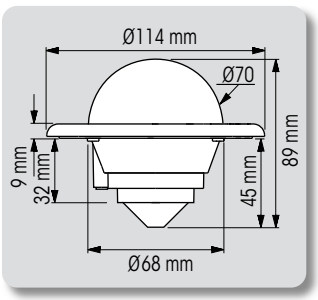
Multi-purpose compass : dinghy sailing, cruising, powerboating... Thanks to its gimballed magnetic cell, the Mini-C adapts to any location on board, vertical or horizontal.
Installation is very easy : simply flushmounted, vertically on a bulkhead or horizontally on the dashboard or instrument pod.

- Conical card with dual reading (vertical and horizontal).
- Apparent card Ø 70 mm
- Magnetic cell mounted on gimbals provides excellent card stability : the card remains horizontal whatever the inclination.
- 2 mobile lubber lines.
- Illumination optional.
- Comply with ISO 25862.

MINI-C	
Black flange	**63868**
White flange	**63869**

Option

12/24 V LED light : 62037



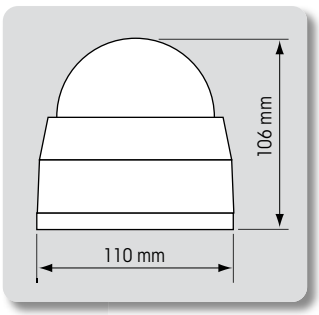
Mini-B compass

Specially designed for small boats (less than 9 metres/30 ft).

The Mini-B combines exclusive attractive features :

No drilling in the deck is required : the binnacle is simply secured with 3 screws.

The compass cell can be removed instantly with one single twist, for quick storage and security.



- Apparent card Ø 90 mm.
- Mobile lubber lines.
- Card pivot mounted on a shock absorber.
- Optional compensation available.

MINI-B	
MINI-B OLYMPIC	**17233**
Compensation	***17673***

Doris compass

Universal balance

66485

Traditional compass designed for small crafts.

Presented in a varnished wooden box, with transparent plexiglas sliding lid.

- White card, graduated every degree and intercardinal points.
- Apparent diameter of the card : 72 mm.
- 1 fore-and-aft line and 2 lubber lines at 45°.
- Gimballed.
- Accurate up to 60° rolling and 30° pitching.
- Dimensions : 152 x 152 x 100 mm.

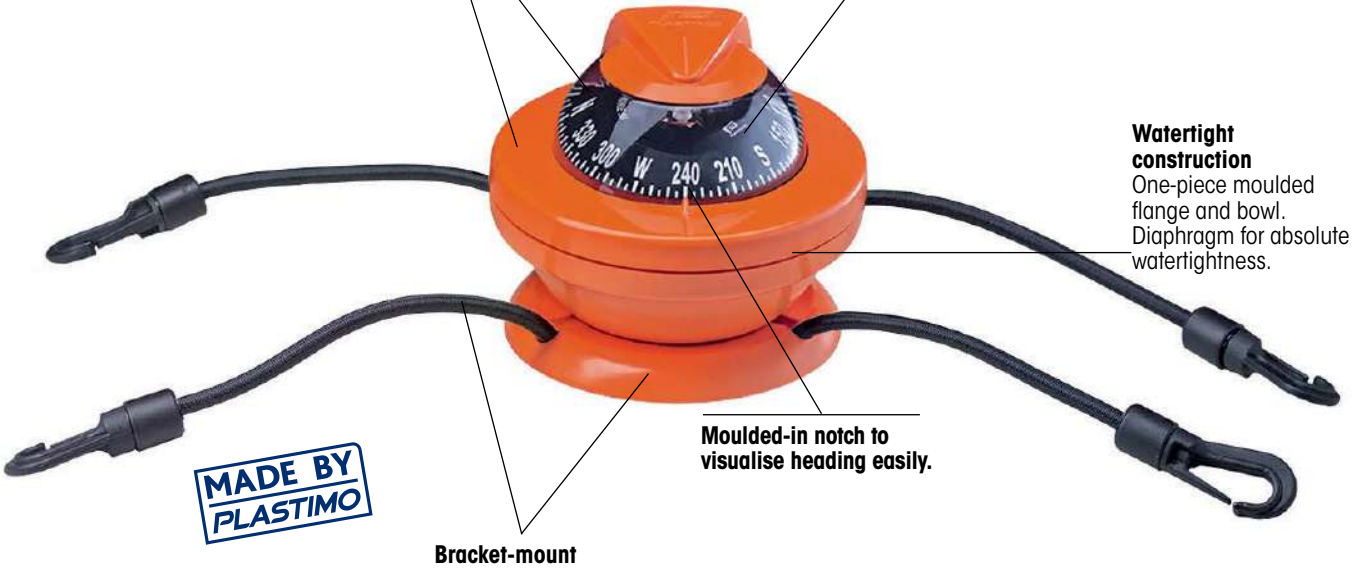
Compass for Kayak

Offshore® 55 kayak

Ideal partner for kayak touring.

Materials
All parts fully UV-ray treated.
Scratch resistant dome.

Card
Contributes to safety and provides reliable reading, whatever the ambiant light and weather/navigation conditions (conical card, perfectly stable, 55 mm apparent diameter). Front reading.

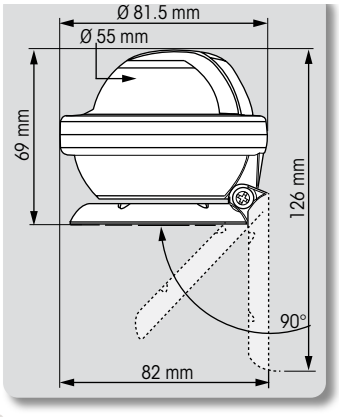


Watertight construction
One-piece moulded flange and bowl.
Diaphragm for absolute watertightness.

Moulded-in notch to visualise heading easily.

MADE BY PLASTIMO

Bracket-mount
Large stable base absorbs vibrations.
Attachment on the kayak lifeline with the shock cords and hooks (included).



Offshore® 55 Kayak

63856
Black card, orange flange

ISO 25862

Universal balance

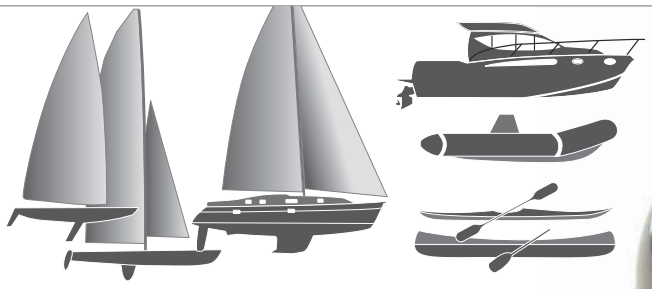
5 year Warranty

OFFSHORE 55	
Boat type	**Kayak**
Compass card	Conical card graduated every 5°. Apparent Ø 55 mm. Heading numerals every 30°
Mounting	Bracket-mount with two shock cords and 4 plastic hooks.
Reading	1 moulded-in notch to visualise heading easily.
Compensation	Optional (access by removing the top flange).
Lighting	Optional : 12/24 V LED bulb. Access by removing the top flange.
Supplied with	Orientable installation base, shock cords + hooks, screws.

Options

- ***Compensation : 17673***
- ***Optional lighting : 62037***
  LED bulb, 12/24 V
- ***Kit including 2 shock cords +hooks : 63853***

Handbearing compasses



ISO 25862

5 year Warranty

Universal balance

Iris 100 compass

All-rounder : Iris 100 is a course and a handbearing compass.
Multi-position mounting : ideal on sailboats (dinghy, sportsboat, small cruiser), small crafts (kayak, canoe, fishing) or RIBs and fast motor cruisers due to its excellent capacity to absorb vibrations.

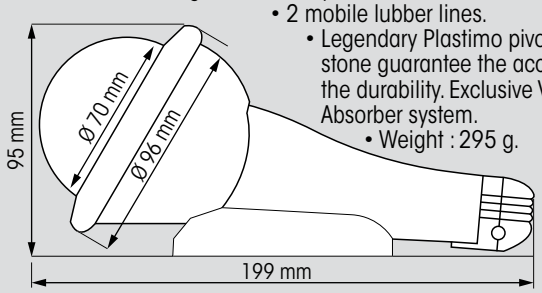
- **It can be installed on any inclination or position :** vertical, horizontal, laying flat, upside down…
- **It can be taken** away and moved around the boat : it is simply clipped on a smooth-edge bracket, designed not to catch sails or hurt fingers.
- **A soft rubber casing provides efficient protection against shocks.**

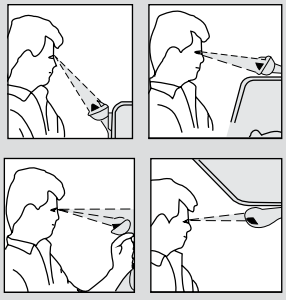
Comes complete with protection padded padded protection and assembly screws.

IRIS 100	Without lighting	With lighting*
Blue	**63874**	**63875**
Yellow	**63876**	**63877**

* LED for homogeneous lighting and longer lifetime.
LED will flash to indicate low battery status.
Operated by standard 1.5 V battery (LR03 type).

- Floating.
- Conical card with double reading (direct and horizontal).
- Gimballed magnetic set : the card remains perfectly horizontal, whatever the angle of the compass installation.
- 2 mobile lubber lines.
- Legendary Plastimo pivot and hard stone guarantee the accuracy and the durability. Exclusive Vibration Absorber system.
- Weight : 295 g.





Accessory

- ***Additional bracket : 22477***
Compass comes complete with one bracket. Order extra bracket(s) for additional compass stations with one compass only.

Multi-position

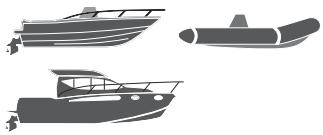
Singlehanded sailors' tip : Mount an Iris 100 compass above your bunk.

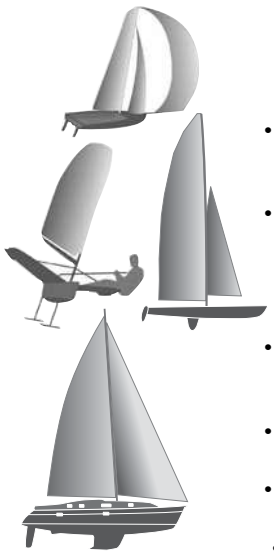
VA VIBRATION ABSORBER

Ideal on RIBs and fast motor cruisers.
Resistance to vibration tested by French testing lab LNE (no.30 559 010).
Vibration Absorber exclusive system means minimal contact between pivot and sapphire cup.

Iris 50 compass

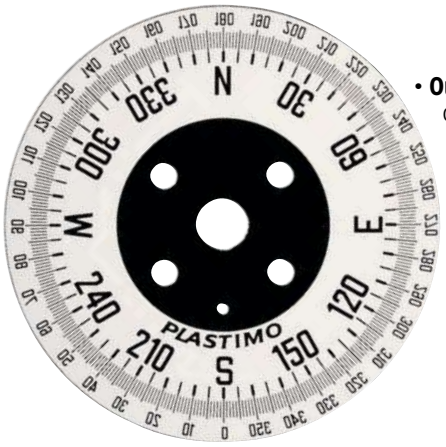
An iconic instrument in the Plastimo range, the Iris 50 is the highly dependable companion of yachtsmen, regatta addicts and top-notch racers worldwide. It is regularly praised by technical press and prestigious skippers alike, as the most reliable, sturdy and handy handbearing compass.





Iris 50 handbearing compass

- **Good protection** against hard knocks : the smooth finish feels soft in your hand, and it will not slip, even if it is wet.
- **No parallax error :** a prism projects the reading of the bearing to infinity. This also contributes to a more comfortable operation, as you do not need to alternate close-reading to read the card and infinite-reading to take bearings.
- **Optimum conditions to take bearings**, thanks to the superb card stability and the wide 20° field of view, which will accommodate the roughest sea conditions.
- **Most accurate bearing :** the pivot and very hard stone are a guarantee of long life and shock resistance of your compass.
- **Soft bottom cell :** engineered using ultra-sonic welding, it acts like an expansion diaphragm, preventing the formation of bubbles and leaks.
- **Course reading** from above the compass : you can read your compass like a standard compass, with no need to look through the prism.



- **Outstanding legibility** of the card, with one-degree graduations.

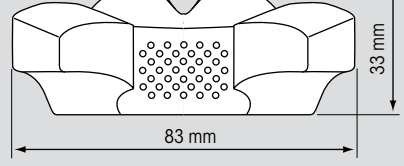
- **Built-in photoluminescent lighting,** completely maintenance-free, impervious to corrosion, operates without batteries or radio-active tritium.

MADE BY PLASTIMO

As accurate out at sea as in the desert ! Sandproof, shockproof and operational by night with no need for electrical supply : the Iris 50 compass is the precise and precious companion to "gazelles", women-only competing in the off-road **Rallye Aïcha des Gazelles** in the Moroccan desert.

ISO 25862

Kevin Escoffier, bowman on Dongfeng Race Team, Winner of Volvo Ocean Race 2017-2018



- Two functions : handbearing and traditional compass.
- Graduation : every 1°.
- Field of view : 20°.
- Clearance : 12°.
- Built-in photoluminescent lighting.
- Red lubber lines.
- Weight : 105 g.

5 year Warranty

IRIS 50	
Blue	**63870**
Yellow	**63871**
Orange	**63599**
Sand	**63603**
Army green	**63873**

Accessories

PVC holder
17244

Bamboo holder
1997004
Suitable for compass or any handheld instrument. Bright honey colour for style, glue-laminated structure for resistance and durability. Dimensions : 85 x 100 x 40 mm.

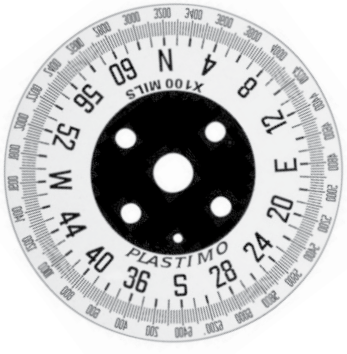
Protection pouch
38184
Navy blue coated canvas outside, foam padded inside. St. steel press-stud closure. Loop for belt, max. width 50 mm. Grommet for lanyard to carry and use the compass with protection pouch always tied to compass.

Military and field compass applications :

Army green (ref. 63873) and Sand (63603) models are available on special request with MILS graduation.

- **Graduation in MILS + MILS :**
  - Direct reading every 400 MIL.
  - Reading through prism every 200 MIL.

  63879 : IRIS 50 MILS/MILS KAKI Z/AB



Accessories for compasses

Protective covers

A B C D E F G H I

For sailboat compasses

	For compass	Colour	Reference
A	Mini-Contest (before 2009)	White	**17308**
B	Mini-Contest & Olympic 95	White	**55402**
		Black	**55599**
C	Mini Contest Navman/AdvanSea	White	**29361**
D	Olympic 100	White	**17287**
-	Contest 100	-	**17302**

	For compass	Colour	Reference
E	Contest 101	Grey	**25332**
F	Contest 130	White	**17296**
G	Olympic 115	Black	**61004**
		White	**61005**
H	Olympic 135 black, with screws	Black	**29403**
		White	**29404**
I	Horizon 135	White	**17280**

For power boat compasses

A B

C

D

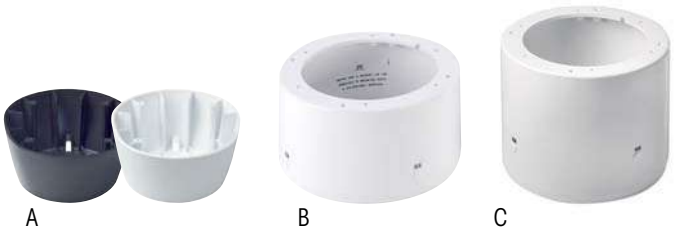
	For compass	Colour	Reference
-	Offshore 90	Black	**17630**
		White	**17668**
A	Offshore 95	Black	**55599**
		White	**55402**

	For compass	Colour	Reference
B	Offshore 105	Black	**14451**
		White	**14450**
C	Offshore 115	Black	**61002**
		White	**61003**
D	Offshore 135	Black	**14453**
		White	**14452**

Binnacles

	For compass	Colour	Reference
A	Offshore 115 /Olympic 115	Black	**61000**
		White	**61001**
B	Olympic 135	White	**10301**
	Olympic 135 compensable*	-	**42131***
C	Horizon 135 / Olympic 135 Open	White	**10300**

*Whitlock binnacle



A B C

A B C D E F G H I J

Flanges

	For compass	Colour	Reference
A	Mini-C	Black	**70229**
		White	**70230**
B	Offshore® 55	Black	**70231**
		White	**70232**
		Orange	**70233**
C	Offshore® 75	Black	**70235**
		White	**70234**
D	Olympic Mini-B	Black	**70240**

	For compass	Colour	Reference
E	Olympic & Offshore® 95	Black	**70237**
		White	**70236**
F	Mini-Contest 95	Black	**70244**
		White	**70245**
G	Mini-Contest Advansea	Black	**70241**
H	Olympic 115	Black	**70247**
		White	**70246**
I	Olympic 135	Black	**70239**
J	Olympic 135 open	White	**70238**

Lighting

- **Compass manufactured since 2016 12/24 V LED light : 62037**
(including Offshore 115 & Olympic 115 since 2014)

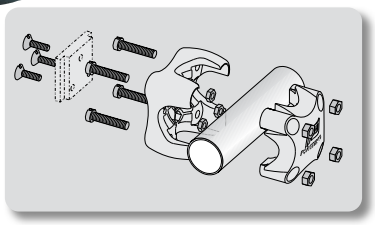
LED lighting :
All Plastimo compasses are now equipped with LED lights providing 70% energy saving and increased resistance to shocks.
LED lights also have an increased lifetime and are suitable for both 12 and 24 V power supply.

For rail or pushpit mounting

Plasticlip for compass

- **Black : 37035**
- **Light grey : 37036**

Ideal to fix compasses Offshore 75 Mini-binnacle, Offshore 75 and Offshore 95 equipped with a bracket.



Compensation

Mini-Contest, Contest 101 & 130, Mini-B, Offshore 75
17673

Bulkhead or dashboard mounting

Brackets

Brackets for	Reference
Offshore 70	**14444**
Offshore 75 white	**55579**
Offshore 105 black	**17268**
Offshore 105 white	**17267**
Offshore 135 black	**17260**
Offshore 135 white	**17262**
Contest 130 black	**38473**
Contest 130 white	**38474**

Beyond a simple aesthetic preference, the bracket mounting offers the extra advantage of isolating the compass from the dashboard, thus reducing the potential interference created by other instruments and metallic objects.

Plastimo answers your questions

Should I choose my compass according to my navigation area ?

All our compasses are balanced manually : with a standard procedure. They are now world balanced and suitable for all areas around the world. Double-dip compass designed to operate accurately in both Northern and Southern hemispheres. Balancing the compass consists in adjusting the card so that it is perfectly horizontal.

My boat is equipped with a GPS. Is a magnetic compass really useful ?

A magnetic compass indicates the boat's course in real time. This information comes as a complement to the GPS data. Also bear in mind that a magnetic compass remains fully operational even in the event of an electrical failure on board, which would prevent you from relying on your GPS. The magnetic compass is therefore a major safety element on board.

My boat has a steel or ferrocement hull. Which compass should I choose ?

No compass can answer this specific requirement alone. It is necessary to call for the services of a professional compass adjuster who will set up a compensation system relevant to your boat.

Does my compass need to be compensated ?

Magnetic fields generating interference on the compass performance exist on all boats. The impact on the compass, called "deviation", can originate from many different sources : metallic masses, loudspeakers, engine, electronic instruments…

If deviation ranks between 7 and 20°, your compass should indeed be compensated. Most of our compasses are designed to be user-compensated. Please refer to "Deviation and Compensation" chapter in our catalogue.

Another question ?
most answers to be found on... www.plastimo.com

Around the world with my compass

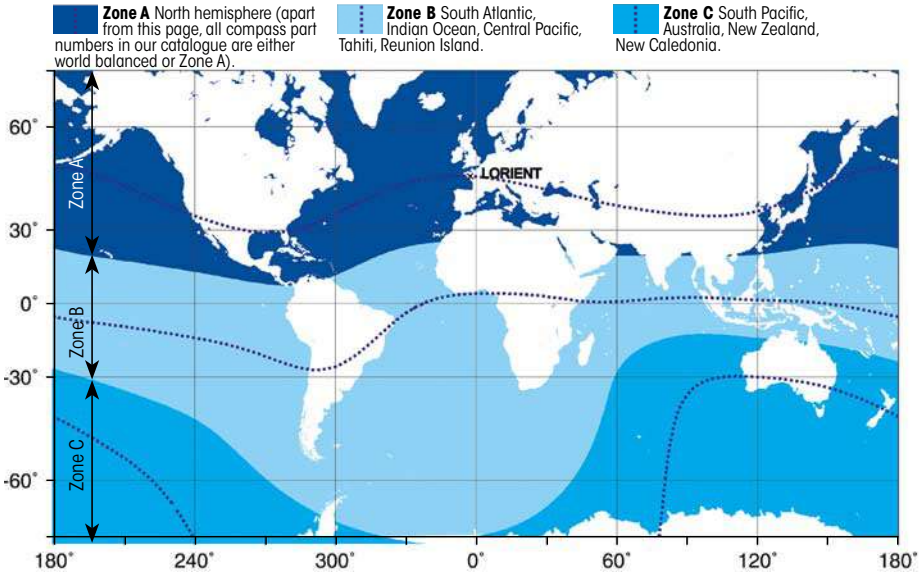
UNIVERSAL BALANCE : around the world with one compass

The recent generations of Plastimo compasses are balanced to sail around the world with one single compass.

So much easier for the round-the-world racer or the boater on a world passage, so much simpler too for the boatbuilder who selects one single compass, whatever the final destination of the boat.

ITALIC references

Universal compass, one single part number to sail around the world.



Description	Zone A	Zone B	Zone C
Offshore 55, bracket mount, black, black card		***World : 63854***	
Offshore 55, bracket mount, white, white card		***World : 63855***	
Offshore 55 kayak, orange, black card		***World : 63856***	
Offshore 75 horizontal flush, black		***World : 63857***	
Offshore 75 horizontal flush, white		***World : 63858***	
Offshore 75 vertical flush, black	***63859***	***63859***	**48843**
Offshore 75 vertical flush, white	***63860***	***63860***	**48847**
Offshore 75 mini-binnacle, black		***World : 63861***	
Offshore 75 mini-binnacle, white		***World : 63862***	
Offshore 75 basic, mini-binnacle, white, black card		***World : 63863***	
Offshore 75 basic bracket mount, white, black card		***World : 63864***	
Offshore 75 bracket mount, black		***World : 63865***	
Offshore 75 bracket mount, white		***World : 63866***	
Offshore 95 black, black flat card, flushmount		***World : 65732***	
Offshore 95 black, black conical card, flushmount		***World : 65733***	
Offshore 95 black, black flat card, bracket		***World : 65734***	
Offshore 95 black, black conical card, bracket		***World : 65735***	
Offshore 95 white, black flat card, flushmount		***World : 65736***	
Offshore 95 white, black conical card, flushmount		***World : 65737***	
Offshore 95 white, white conical card, flushmount		***World : 65738***	
Offshore 95 white, black flat card, bracket		***World : 65739***	
Offshore 95 white, black conical card, bracket		***World : 65740***	
Offshore 95 white, white conical card, bracket		***World : 65741***	
Offshore 105 black, black flat card		***World : 65004***	
Offshore 105 black, black conical card		***World : 65001***	
Offshore 105 white, black flat card		***World : 65005***	
Offshore 105 white, black conical card		***World : 65002***	
Offshore 105 white, white conical card		***World : 65003***	
Offshore 115 black, black flat card		***World : 60992***	
Offshore 115 black, black conical card		***World : 60991***	
Offshore 115 white, black flat card		***World : 60993***	
Offshore 115 white, black conical card		***World : 60990***	
Offshore 115 white, white conical card		***World : 60989***	
Offshore 135 black, black flat card		***World : 65350***	
Offshore 135 black, black conical card	**23484**	**23485**	**23486**
Offshore 135 white, black flat card		***World : 65524***	
Offshore 135 white, black conical card	**23493**	**23494**	**23495**
Contest 101 black, black card, standard		***World : 64421***	
Contest 101 black, black card, inclined bulkhead		***World : 64422***	
Contest 101 black, red card, std		***World : 64416***	
Contest 101 black, red card, inclined bulkhead		***World : 64418***	
Contest 101 white, red card, std		***World : 64417***	
Contest 101 white, red card, inclined bulkhead		***World : 64419***	
Contest 101 white, white card, std		***World : 64423***	
Contest 101 white, white card, inclined bulkhead		***World : 64424***	
Contest 130 black, black card, std	**39669**	**39670**	**39671**
Contest 130 black, black card, inclined bulkhead	**40034**	**40035**	**40036**

Description	Zone A	Zone B	Zone C
Contest 130 black, red card, std	**17291**	**19296**	**19299**
Contest 130 black, red card, inclined bulkhead	**17292**	**19309**	**19317**
Contest 130 black, red card, bracket	**17293**	**19328**	**19332**
Contest 130 white, red card, std	**17294**	**19844**	**19854**
Contest 130 white, red card, bracket	**17295**	**19868**	**19871**
Mini-Contest black, conical card		***World : 65742***	
Mini-Contest white, conical card		***World : 65743***	
Mini-Contest AdvanSea, black	**28976**	**29021**	**29022**
Olympic 95 flushmount		***World : 65751***	
Olympic 100 flushmount, black card		***World : 64763***	
Olympic 100 flushmount, red card		***World : 64762***	
Olympic 115 black, black flat card, std		***World : 60997***	
Olympic 115 black, black conical card, std		***World : 60913***	
Olympic 115 black, black conical card, inclined surface		***World : 60999***	
Olympic 115 white, black flat card, std		***World : 60996***	
Olympic 115 white, black conical card, std		***World : 60912***	
Olympic 115 white, black conical card, inclined surface		***World : 60998***	
Olympic 115 white, white conical card, std		***World : 61205***	
Olympic 135 black+binnacle, red card		***World : 65530***	
Olympic 135 black+binnacle, black card		***World : 65529***	
Olympic 135 white+binnacle, red card		***World : 65532***	
Olympic 135 white+binnacle, black card		***World : 65531***	
Olympic 135 black, red card		***World : 65533***	
Olympic 135 black, black card		***World : 65476***	
Olympic 135 white, red card		***World : 65535***	
Olympic 135 white, black card		***World : 65534***	
Olympic 135 Open, red card		***World : 65523***	
Olympic 135 Open, black card		***World : 65514***	
Olympic tactical	**17250**	**18991**	**18998**
Contest 101 tactical		***World : 64425***	
Iris 100 tactical, blue		***World : 63867***	
Mini-C black		***World : 63868***	
Mini-C white		***World : 63869***	
Mini-B Olympic	**17233**	**20161**	**20164**
Doris compass		***World : 66485***	
Iris 50 blue	***63870***	***63870***	**21809**
Iris 50 yellow	***63871***	***63871***	**24049**
Iris 50 olive green	***63873***	***63873***	**38181**
Iris 50 orange	***63599***	***63599***	**63600**
Iris 50 sand	***63603***	***63603***	**63604**
Iris 100 blue		***World : 63874***	
Iris 100 blue + lighting		***World : 63875***	
Iris 100 yellow		***World : 63876***	
Iris 100 yellow + lighting		***World : 63877***	

Rules & dividers

Traditional British dividers

Manufactured in brass with stainless steel tips, highly polished. Friction adjustment. Packed in protective PVC wallet.

Model	Size	Ref.
Straight	17 cm	**10556**
	20 cm	**1020022**
Single handed	17 cm	**10558**
	20 cm	**1020021**

Divider holder

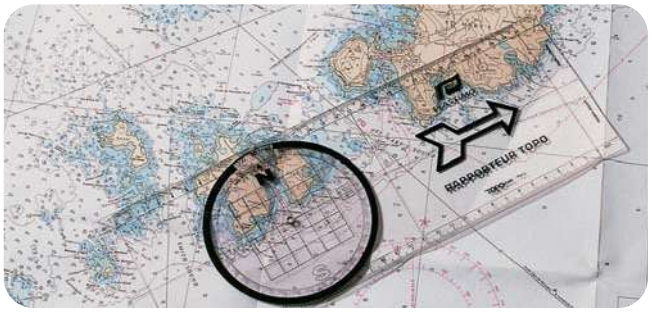
17118

For dividers up to 20 cm.
Divider sold separately.

Traditional British dividers in solid brass

Traditional shapes.
Adjustable joint by screw
Length : 20 cm.

- **1020011 :** Lyre" shape
- **1020012 :** "Straight" shape



Nautical protractor

29521

Unalterable graduations for a very precise reading during many years.
Dimensions : 33 x 12 cm.

Square protractor

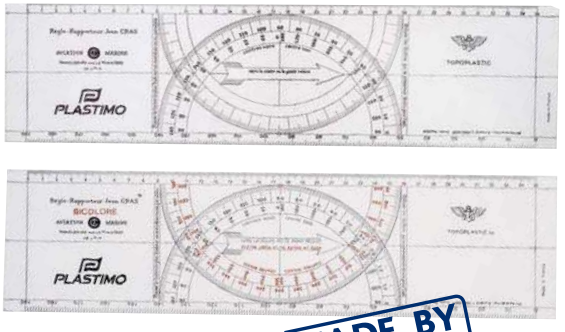
Can also be used as a simple parallel rule and plotter. Supplied in card wallet with instructions.

- **13 cm : 10561**
- **20 cm : 10562**

Triangular protractor

29522

Plot course and distance, celestial LOPs or true bearings. Graduated in cm along its hypotenuse, in degrees on the two other sides. Dimension along hypotenuse : 25 cm.



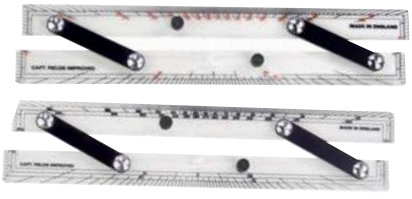
Cras navigation plotters

MADE BY PLASTIMO

Dimensions : 38 x 10 cm.
Features 2 scales.

- **Black graduation : 29519**
- **Two-colour graduation : 29520**

Made in France.



Parallel rules

Tough, accurate navigational instrument with non-slip rubber pads. Captain Fields most popular design.

Red scale, (cardboard packaging)

- **30 cm : 10552**

Red scale, (plastic bag packaging)

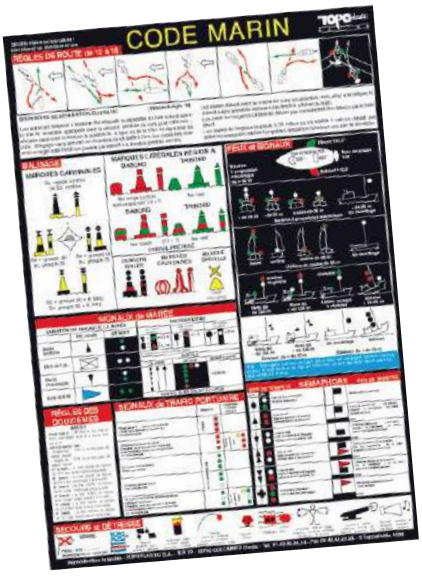
- **40 cm : 10553**

Black scale, (plastic bag packaging)

- **40 cm : 10555**

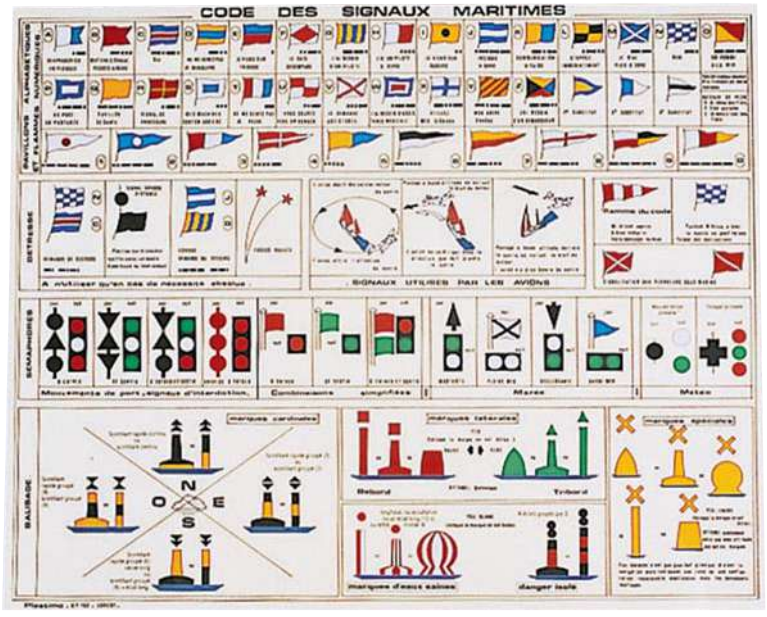
Code and signals

Flagging code
1990041
Main flags and usual navigation signals.
Color printing on adhesive PVC.
Format 21 X 29.7 cm.



Marine code
1990046
Summary of the International Regulations.
Color printing on adhesive PVC.
Format 21 X 29.7 cm.

Mini regatta code
1990047
Main flags used for regatta regulation signals.
Color printing on adhesive PVC.
Format 21 X 12 cm.



Set of signals
17143
French text.
Dim. : 40 x 32 cm.

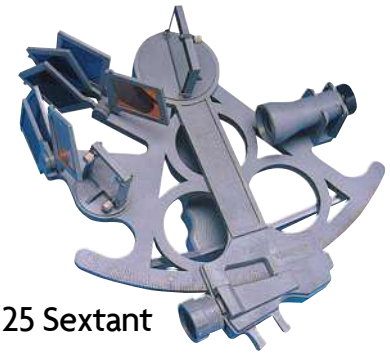
Disc of signals
17144
Ø 22 cm.

Sextants

DAVIS MARK 15 Sextant

1010051

The reproduction of a true professional sextant, this sextant is made of modern, non-deformable plastic materials. Very light, robust and precise, it is completely shockproof and anti-corrosion.
It allows to take the ship's bearing with precision for the coastal and astronomical navigation. All these enhancements make it the most developed plastic sextant of the market.
Sextant weight alone: 410 g, with its box 1080 g.



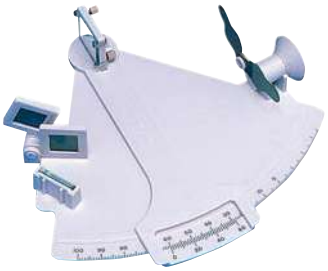
DAVIS MARK 25 Sextant

1010050

Patended horizon mirror system which doubles the aiming surface and allows a very easy focusing by superimposing entire images (as on cameras).
Diode lighting on the drum and arc.
Weight of the sextant (alone: 460 g, 1130 g with the box).

Common features sextants DAVIS MARK 15 and 25

- Black-colored.
- The sextant's arc is made of a monobloc plastic part, which is shockproof too.
- White graduation in depth. 178 mm rayon. Divisions from -6 to 120°.
- Micrometric screw with 1' split drum in 1' with reading at 1/5 (12 seconds) and endless screw with disengagement.
- Mirrors protected by a special varnish and adjustable. Index 30 x 41 mm. Horizon 35 x 50 mm.
- 1 Optical bezel 3x23 mm, adjustable - 1 direct aiming bezel.
- Reading 1/5 of an arc minute to the vernier and 1 minute in direct reading.
- Plastic box 300 x 250 mm. Impact-resistant foam filling.



Sextant DAVIS MARK 3

1010053

Small initiation sextant, made of non-deformable plastic material. It allows to take the ship's bearing in a two-minutes reading of arc.
Ultra lightweight :180 g.

STAR FINDER, star identificator

1990061

For a global navigation.
Determinate the region of the visible celestial sphere at a given moment, at a given but random observation point.
Identify a visible star.
Find the position in the sky of a known star.
Determine approximately the height and azimuth of any star.
Position the northern or southern celestial hemisphere on a given day at local time or by SG.
Includes :

- 1 tray, representing the background of the sky graduated on both sides.
- 2 discs representing the star map for the northern and southern hemispheres.
- 1 set of 7 grids representing North and South latitudes from 5° to 65° every 10°.

Safetics guide

Check & Go Safetics

1067016

Safety guide of yachtsmen. Regulatory, complete, pocket-sized and 100 % waterproof, it has been designed for all boats.
Made in France and sponsored by the french elite racer Armel Le Cléac'h, it brings together for the first time good sailing practices in the form of 60 illustrated checklists, validated by safety experts.
This book meets the requirements of french Division 240 in coastal navigation through its synthesis of COLREG and maritime buoyage up to 6 miles from a shelter.
Its "On Land", "At Sea", "Memo", "Emergency", "Distress", "Rescue" tabs and its clear layout allow a quick reading to manage each situation.
Recommended by the SNSM(*), sailing schools, meteorologists, the French Navy, the Maritime Medical Consultation Centre.
Part of the official Vendée Globe collection. Printed on PVC. Format: 15 x 11.5 cm.
(*)French National Lifeboat & Lifeguard Society

Marine charts

L'océan en référence

The SHOM* is the government mapping agency reporting to the French Ministry of Defence. It collects and organises the publication of official data necessary to maritime navigation. As such, the SHOM is the most instrumental and official body to the production of marine cartography and nautical publications.

*SHOM : Service Hydrographique et Océanographique de Marine

Plastimo distributes all the SHOM marine charts and nautical books. If you don't know the SHOM reference of the marine chart you are looking for, please go to www.shom.fr to identify the SHOM reference related to the searched area.

Paper cartography

All SHOM marine charts are BI-LINGUAL English and French

Folded sea-charts (L)

L-cards are folded in A4 format and printed on latex-filled paper for very good fold resistance, even when wet.
In addition to being resistant to the wet environment, this specific paper allows personal navigational data to be written (point transfer, route plotting, etc...).
3 ranges of map scales :
- Range 1, about 1 : 20 000.
- Range 2, about 1 : 50 000.
- Range 3, about 1 : 150 000.

• To order a folded sea-chart :
Enter 103 6693

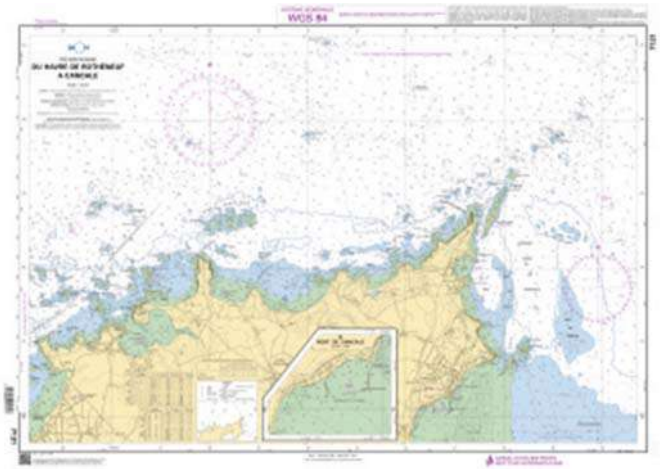
103 = Plastimo code 6693 = SHOM code
(here : from Saintes-Maries-de-la-Mer to Port-Saint-Louis-du-Rhône)

G sea-charts (sea beds)

Folded in A4 format and intended more specifically for fishermen, these sea-charts of sea beds provide all seafarers a better knowledge of the area covered. Mapped from all the data used to characterise the sea-beds sediments : historic elements (XIXth century) supplemented by recent lab analysis combined with scans of acoustic images of multibeam sonars and sounders.

• To order a G sea-chart :
Enter 103 7395 G

103 = Plastimo code 7395 = SHOM code G = sea chart type
(here : sea bed from Le Croisic to Noirmoutier)



Full size sea-charts (classic)

Sea-charts supplied unfolded, paper format 120 x 84 cm.

• To order a full size sea-chart : *Available on special order only.*
Enter 103 7131 CA

103 = Plastimo code 7131 = SHOM code CA = chart type/size
(here : from Le Havre - Rotheneuf to Cancale)

Offshore boating licence drills

Officially certified exercise drills prior to taking the offshore boating licence tests.
- **Chart folded in A4 format : 1039999**
- **Full size unfolded chart : 1039999SA**

Updates and new editions

The SHOM update their 1100 marine charts to integrate new information (hydrographic surveys, regulations, changes in buoy marking or port infrastructures, etc.) and to keep them in line with current international standards.

The charts are regularly reprinted and incorporate official corrections. The latest correction is indicated in the South-West corner of the map.

Books

L'océan en référence

SHOM catalogue

103D004ZKA

Catalogue of all marine charts and nautical books (2021 Edition).
Format 305 x 420 mm.
Also available online on www.plastimo.com

Navigator guide

103D001NOA

2012 Edition, format 210 x 295 mm (except* : 190 x 268 mm).
Pack includes 5 books :

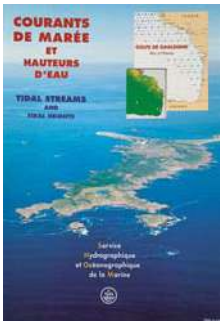
- Volume 1 : Documentation & nautical informations + 001DNOA : Symbols & abbreviations + 001FNOA* : Hydrography, nautical documents
- Volume 2 : Methods & instruments of navigation
- Volume 3 : Nautical regulations

Tidal streams

Format 210 x 290 mm.

- **103D555UJA** : Bay of Brest – Bay of Douarnenez
- **103D557UJA** : Pas-de-Calais
- **103D558UJA** : Brittany South coast, from Audierne to Croisic (2005 Edition)
- **103D559UJA** : French West coast, St Nazaire to Royan (2001 Edition)
- **103D560UJA** : Iroise Sea
- **103D561UJA** : The Seine bay, Cherbourg to Fécamp
- **103D562UJA** : Cherbourg to Paimpol, Normandy-Brittany gulf
- **103D563UJA** : North Brittany : Héaux-de-Bréhat to Pointe de Pontusval
- **103D566UJA** : The Loire area, from Quiberon peninsula to Ile d'Yeu

Tidal Current Atlas



Shows tidal currents and water levels.
Format 210 x 290 mm.

- **103D564UJA** : **English Channel, from Dunkirk to Brest**
- **103D565UJA** : **Bay of Biscay**

COLREG

103D002NOA

International Regulations for Preventing Collisions at Sea.
2016 edition,
format 210 x 295 mm.

Maritime signals

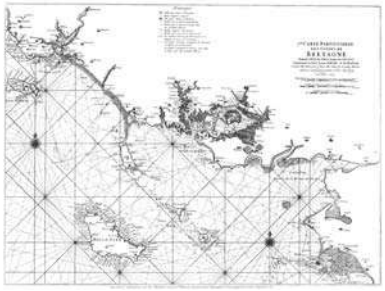
103D003NOA

2016 edition,
format 210 x 295 mm.

Symbols & abbreviations

103D001DNOA

Used on French nautical charts.
Format 210 x 295 mm.



Reproductions of old charts

Printed on 250 g Velin quality paper (except chart of Bréhat, on white 150 g paper).

Ref.	Description	Format
103D0061WN	5th specific chart of the Brittany coast : surroundings of the bay of Brest (1693)	65 x 50 cm
103D0062WN	Chart of the Brest harbour bottleneck (1816)	65 x 50 cm
103D0063WN	Saint Malo and surroundings (1764)	65 x 50 cm
103D0064WN	8th private chart of the coast of Brittany : from the Loire to the Isle of Noirmoustier (1823)	65 x 50 cm
103D0065WN	General chart of the island of Corsica (1831)	91 x 64 cm
103D0066WN	Chart of the Society Islands (1827)	91 x 64 cm
103D0067WN	Dept. of Var : the Gulf of Napoule and Gourjean or Gulf of Jouan, including the Lérins islands (1792)	65 x 50 cm
103D0068WN	Chart of the Hyères islands and bay (1792)	65 x 50 cm
103D0069WN	Chart of the Saintes Islands (1818)	76 x 57 cm
103D0070WN	Reduced chart of Jersey, Guernsey and Alderney (1757)	65 x 50 cm
103D0071WN	Chart of Belle Isle (1761)	65 x 50 cm
103D0072WN	Chart of Ile de Ré and Olleron (1750)	65 x 50 cm
103D0073WN	Estuary of the river of Bordeaux (1776)	65 x 50 cm
103D0074WN	Dept. of the Seine, from Fécamp to Dives (1792)	65 x 50 cm
103D0075WN	Map of the Bassin D'Arcachon (1817)	65 x 50 cm
103D0076WN	West coast of France : Morbihan (1872)	65 x 50 cm
103D0077WN	Coast and islands around Marseilles (1792)	65 x 50 cm
103D0078WN	Map of the island of Bréhat and surroundings (1838)	119 x 84 cm
103D0079WN	7th specific chart of the Brittany coast : from the Isle of Groa to the Croisic	65 x 50 cm
103D0080WN	Reduced chart of the French coasts along the Mediterranean	65 x 50 cm
103D0081WN	6th specific chart of the Brittany coast : from the Hodierne bay to the Isle of Groa	65 x 50 cm

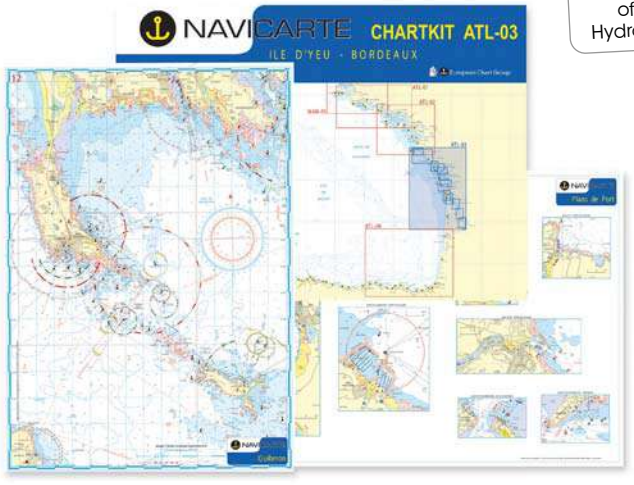
Sea-charts

Colour sea-charts, specially designed for yachting.
Different colours are used to spot dangerous areas, depth of sea bed and light sectors.
They contain nautical information on the back and are written in English and French. Each chart is periodically updated.

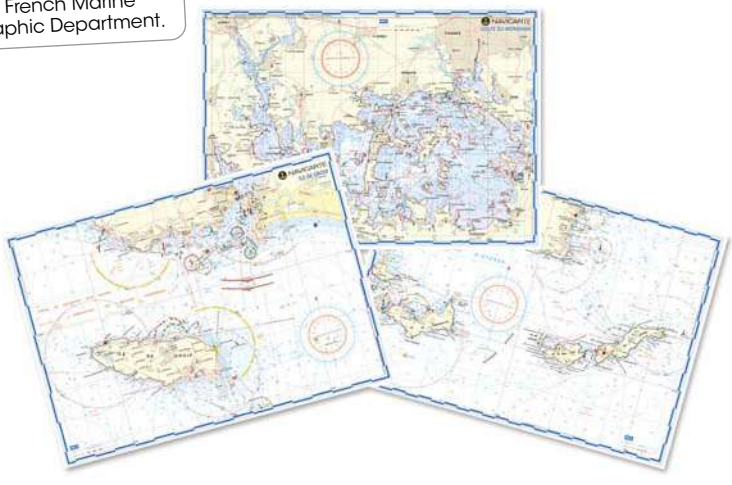
Standard charts

NAVICARTE

Charts are established from the official documents of the French Marine Hydrographic Department.



Chartkit



Mininav

Standard charts Folded format : 165 x 315 mm.

Channel

Ref.	N°	Area	Map scale
105121010	1010	Ostende - Boulogne - Pas de Calais	1/100 000
105222009	1011 + 1012	Boulogne - Dieppe - Le Havre	1/100 000
105222004	526 + 527	Le Havre - St-Vaast - La Houge	1/50 000
105222007	1014 + 528	St Vaast - Channel Islands	1/100 000
105222005	534 + 535	Chausey - Granville - St Cast	1/50 000
105222006	536 + 537	St Cast - St Quay - Ploumanac'h	1/50 000
105222010	538 + 539	Ploumanac'h - Batz Island - Portsal	1/50 000
105222012	R11 + R12	Channel - Bay of Biscay	1/750 000 and 1/1 000 000

Atlantic

Ref.	N°	Area	Map scale
105222001	540 + 542	Douarnenez - Ouessant Island	1/50 000
105120541	541	Morgat - Audierne - Sein Island	1/50 000
105222002	543 + 243	Audierne - Concarneau - Glénan Islands	1/50 000 and 1/25 000
105120544	544	Concarneau - Lorient - Groix island	1/50 000
105120545	545	Lorient - La Trinité - Belle Ile - Houat	1/50 000
105121246	246	Gulf of Morbihan	1/25 000
105120546	546	La Trinité - Le Croisic	1/50 000
105222003	547 + 248	Le Croisic - Nantes - Pornic	1/50 000 and 1/25 000
105120549	549	Pornic - St Gilles Croix de Vie - Noirmoutier	1/50 000
105121022	1022	Yeu Island - La Rochelle - Les Sables d'Olonnne	1/100 000
105120551	551	Ré Island - La Rochelle	1/50 000
105120552	552	La Rochelle - Oléron Island	1/50 000
105222008	553 + 554	Oléron Island - Royan - Bordeaux	1/50 000
105222011	1024 + 255	Bay of Arcachon - Royan - Cap Breton	1/100 000 and 1/35 000
105121555	555	Cap Breton - Lekeito	1/50 000

Mediterranean (France)

Ref.	N°	Area	Map scale
105120500	500	Nice - San Rémo	1/50 000
105120501	501	Saint Raphaël - Nice - Lérins Islands	1/50 000
105120502	502	Cavalaire - Saint Raphaël	1/50 000
105120503	503	Toulon - Cavalaire - Hyères Islands	1/50 000
105120504	504	Marseilles - Toulon - Les Calanques	1/50 000
105120505	505	Port Saint Louis - Marseilles - Etang de Berre	1/50 000
105120507	507	Port Camargue - Port de Bouc	1/100 000
105120508	508	Sète - Port Camargue	1/50 000
105120509	509	Valras - Sète - Etang de Thau	1/50 000
105120510	510	Port Leucate - Valras - Gruissan	1/50 000
105120511	511	Banyuls - Port Leucate - Port Vendres	1/50 000
105121401	R1	Marseilles - San Remo	1/250 000
105121407	R4	Gulf of Lions - Marseilles - Barcelona	1/500 000
105121402	R2	Gulf of Genoa	1/350 000
105121405	R7	Western Mediterranean sea	1/1 000 000

Corsica

Ref.	N°	Area	Map scale
105121403	R3	Corsica - North Sardinia	1/250 000
105121004	1004	East Corsica - Elba Island	1/100 000 and 1/150 000
105121008	1008	Propriano - Bonifacio - La Maddalena	1/100 000
105121006	1006	Calvi - Bastia	1/100 000
105121007	1007	Porto - Ajaccio	1/100 000

Mediterranean Spain

Ref.	N°	Area	Map scale
105121206	E06	Barcelona - Tarragona	1/100 000
105121404	R5	Barcelona - Alicante - Baleares	1/640 000
105121201	E01	East Mallorca - Minorca	1/125 000
105121202	E02	West Mallorca - Ibiza - Formentera	1/125 000
105121203	E03	Banuls - El Estartit	1/50 000
105121204	E04	El Estartit - Tossa	1/50 000
105121205	E05	Tossa - Barcelona	1/50 000
105121406	R6	Baleares Islands	1/400 000

Chartkit

A2 format, very practical on the chart table. 20 to 30 sea-charts on the same area with different scales : detailed marina charts, moorings and crossing small-scale charts. WGS 84 system – GPS compatible.

Atlantic

Ref.	Area
105ATL01	South Brittany : from Morgat to Croisic
105ATL02	South Brittany/Pays de la Loire: from Lorient to Yeu island
105ATL03	Vendée/Charentes/Gironde: from Yeu Island to Bordeaux
105ATL04	Bay of Biscay: from Bassin d'Arcachon to Santander

Mediterranean

Ref.	Area
105MED03	Riviera : from Toulon to San Remo
105MED04	Gulfe of Lions : from Cerbère to la Ciotat
105MED05	Catalonia : from Cerbère to Barcelona

Mininav

Plastic laminated sea-charts for dinghy sailing, sports boats and RIBs. A3 format. WGS 84 system – GPS compatible.

Atlantic

Ref.	Area
105888542	Brest
105888543	Glénan islands
105888303	Groix island
105888545	La Trinité
105888546	Gulf of Morbihan
105888309	Noirmoutier
105888551	Ré Island
105881022	La Rochelle
105888255	Bay of Arcachon

Mediterranean (France)

Ref.	Area
105888304	Port Camargue
105888505	Marseilles
105888503	Hyères
105888502	Saint Tropez
105888302	Cannes
105888301	Antibes
105888310	Lavezzi

Italy

Ref.	Area
105888308	Genoa
105888305	Portofino
105888307	La Spezia
105888306	Sestri Levante

Spain

Ref.	Area
105888201	Palma
105888205	Barcelona

River navigation charts

Each canal, river or navigable waterway is presented in the form of a cartographic atlas which includes, on each page, a portion of the route, accompanied by a text giving useful information on navigation, moorings, supplies and tourism. A technical description gives the characteristics of the waterway as well as advice on the best way to use the canals and locks.

Full-colour guides, at 1/25.000 or 1/50 000 scale, size 165 x 315 mm, range from 72 to 170 pages.
Each guide features technical and touristic pictures.
Texts are in English, French and German.

Ref.	N°	Area
17214	1	The Seine : from Le Havre to Paris
17215	2	The Seine : from Paris to Marcilly-sur-Seine
17216	3	The Marne : from Paris to Vitry-Le-François
61619	4	South canal- Camargue : from Toulouse to the Mediterranean
61620	5	Aquitaine : from Toulouse to the Atlantic
17222	8	Champagne-Ardenne : from Namur to St-Jean-de-Losne
26964	9	Meuse, Sambre belge, East canal
17223	10	The Saône : from Corre to Lyon - The Seille
17212	12	Brittany : rivers and waterways
17220	13	Loire area : rivers and waterways
17213	14	North-Pas de Calais : rivers and waterways
17231	16	Rhône valley : from Lyon to the Mediterranean - Arles à Fos
17230	17	Marne, Rhine, Saar
37731	19	East Burgundy : from Joigny to Chalon-sur-Saône
37730	20	West Burgundy : St-Mammès, Auxerre, Decize, Briare
17228	24	Picardy : rivers and waterways
17229	25	Charente : from La Rochelle to Angoulême
10155	27	The Lot : from Luzech to Larnagol
58965	29	Sèvre Niortaise : from La Rochelle to Niort

General charts

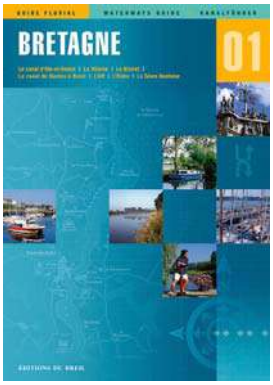
Description of waterways with their main characteristics.

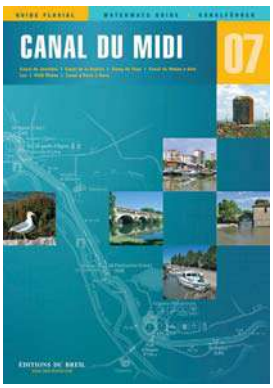
Ref.	N°	Area
17209	21	Chart of French waterways
17210	23	Chart of Belgian waterways

Navigation charts

EDB* inland waterways charts

French inland waterways charts : detailed charts and additional touristic and practical information.





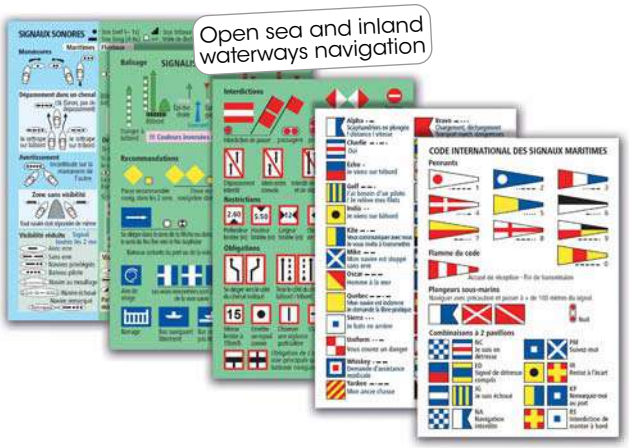
Tri-lingual presentation : French, English and German.
1/50.000 scale for canals, 1/25.000 scale for rivers.
*Editions du Breil

Ref.	N°	Area
1090202	1	Brittany
1090008	2	Loire – Nivernais
1090393	3	Burgundy – Franche-Comté
1090059	4	Alsace – Lorraine
1090016	5	Lot
1090199	6	Charente
1090042	7	Canal du Midi
1090091	9	Rhône to Rhine canal
1090083	10	Loire valley
1090075	11	Burgundy – Nivernais
1090156	12	Aquitaine
1090121	14	Sèvre Niortaise
1090210	16	Gironde Estuary
1090229	17	The river Meuse
1090474	18	The Rhône
1090300	19	The river Marne
1090377	20	Picardy
1090407	21	The river Seine
70918	22	The Rhine

Chart of French waterways

1090067

Detailed information on rivers and canals on the French territory.
1/1.000.000 scale.
Indicates length of waterway, draught, air draft, waterlocks…
Tri-lingual presentation : French, English and German.



Navigation handbook

For open sea and inland waterways navigation :
Features all useful information in a user-friendly presentation with pictograms and easily accessible details.
Meaning of buoys and benchmarks, buoy marking in harbours and on beaches, sound and light signals for sea and river navigation, reminder of major marine knots…
Printed on water and time resistant PVC.
Lightweight (126 g) and compact (134 x 90 mm).

5 language versions :
- **French : 1061957**
- **English : 1061964**
- **German : 1061988**
- **Italian : 1061995**
- **Spanish : 1061971**

Marine books

Codes Rousseau test books

Educational books and drills published in French : help you take the exam successfully and obtain the boating licence, as required by French regulation. Elaborated by boating experts, these publications contain all the information you need to pass your boating test, including diagrams, photos, tips and tricks to facilitate understanding and memorization.

French text only

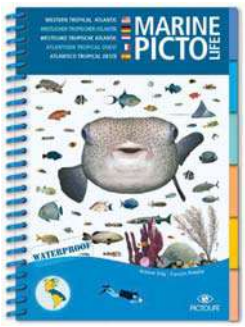
Ref.	Description
1082002	**Rules for French Coastal boating licence** (including French marine radio procedure certificate)
1082003	**Drill book for French Coastal boating licence** Includes 360 questions and answers
1081001	**Rules for French inland waterways boating licence**
1081002	**Drill book for French inland waterways boating licence** Includes 300 questions and detailed answers
1083001	**Rules for French blue water boating licence**
1083002	**Drill book for French blue water boating licence** Includes 12 mock tests with answers

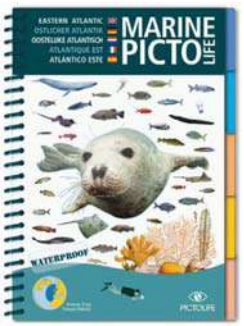
Educational kit for Blue Water licence* test

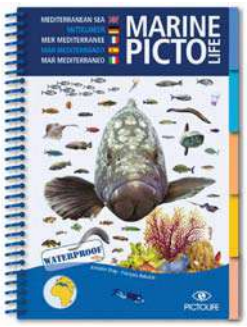
1081032

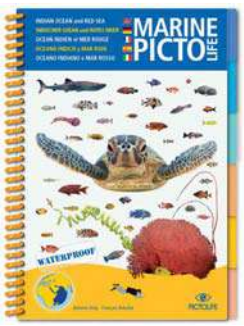
1 book of rules for blue water boating
1 drill book for blue water boating
1 training contract
1 SHOM 9999 marine chart
1 straight hand dividers, brass + st.steel
1 pad of paper + pen
1 bookmark
1 carrying case

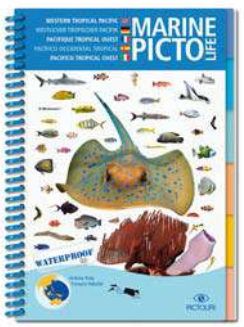
* French regulation







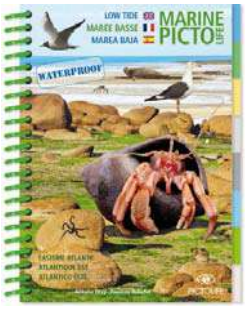




Pictolife marine guides

250 to 280 marine species described, with user-friendly pictograms and species names in several languages.
Location, lifestyle, biological features, behaviour and relation to humans.
Water resistant plastic material.
Compact format : 12.5 x 16.3 cm. Weight 200 g.

Ref.	Area	Languages
1060902	West Atlantic tropical Pictolife	F, EN, ES, NL, DE
1060926	East Atlantic Pictolife	F, EN, ES, NL, DE
1060919	Mediterranean Pictolife	F, EN, ES, IT, DE
1060933	Indian Ocean and Red Sea Pictolife	F, EN, ES, IT, DE
1061005	Pacific Ocean Pictolife	F, EN, ES, IT, DE



Low tide Pictolife guide

1061012

Helps identify the species living in the foreshore, presented per habitat area : plants, birds, algae, anemones, molluscs, sea shells, fish and mammals.
User-friendly and intuitive : illustrated with pictograms and species names in 4 languages (F, EN, ES, NL).
Water resistant plastic material.
Compact format : 11.5 x 17.5 cm. 40 pages. Weight 120 g.

Binoculars

French leader on the marine binoculars market, Plastimo provides a complete range designed to meet all the boaters needs. For over 40 years, Plastimo has selected superior optical quality binoculars, optimized for use in marine environment.

Ergonomic binoculars with rubber texture for a firm grip. Shock-proof and highly reliable in all weather conditions.

To help you select your binoculars :

Magnification

Magnification power is determined by the first number indicated. Ex. : for the 7 x 50 models, the image will appear to be 7 times larger than with the naked eye. 7 x magnification is recommended for marine use.

Objective lens diameter

Indicated by the second number. It gives the objective diameter in mm. The bigger the number is, the brighter the image will be seen. Particularly useful in low light conditions. For a good hold in hands, a 50 mm diameter is the max. recommended aboard.

Field of view

Indicates the width of a scene that can be viewed from a distance of 1000 m. The greater the magnification, the smaller the field of view.

Lens coating

Fully : for improved brightness and higher contrast.
Multi : Fully-Coated + clearer colours and UV-resistance.
Ruby : Multi-Coated + ruby-red colouring filtering out red light (ideal for snow and sea).

Prism type

BAK-7 : standard borosilicate glass.
BAK-4 : barium higher quality glass, for brighter and crisper images with 30 % more light.

Types of focusing systems

Center eye focus : manual focusing system with central roller.
Autofocus : remains automatically in focus.

Marine binoculars

A

7 x 50 marine binoculars

Black marine binoculars, BAK-7 prism, multi lenses. Autofocus, sprayproof, 119 m field of view.

B

Amiral FX 7 x 50 binoculars

Central focusing binoculars. Rubber sheat for good handling.

	Ref.	Magni-fication	Ø objective lens	Focus	Tightness	Field of view	Prism	Coating	Colour	Height	Weight
A	**40561**	7	50	Autofocus	Sprayproof	119 m	BAK-4	Fully	Black	175 mm	790 g
B	**1045000**	7	50	Central	Sprayproof	123 m	BAK-7	Multi	Black	185 mm	790 g

8 x 42 monocular with built-in compass

61380

Light and compact 8 x 42 monocular which integrates a compass with rangefinder to enable the measurement of the size of an object.
- Waterproof, the instrument can be used in any circumstances.
- Fitted with roof prisms, BAK-7 type.
- Lens are fully multi-coated for a better transmission of light.

Waterproof

Ref.	Magni-fication	Ø objective lens	Focus	Tightness	Field of view	Prism	Mini focus distance	Coating	Dimensions	Weight	Fold down eye cups
61380	8	42	Eye focus	**Waterproof**	123 m	BAK-7	13 m	Multi-coated	60 x 143 mm	370 g	✔

Waterproof marine binoculars

PLASTIMO

Rubber fold-down eye cups. Ideal for glass wearers.

All binoculars are supplied with carrying case, neck strap and cleaning cloth.

Amiral RC 7 x 50 binoculars

1045030

Waterproof binoculars, high resolution optics, central focusing. Rubber sheat.

Rescue 7 x 50 binoculars with compass

1045038

Floating and waterproof binoculars, high resolution optics, eyes focusing. Binoculars with built-in compass. Light with batteries. Compass fully operational between 40° and 60° North latitude.

Amiral FX 7 x 50 binoculars

1045025

Fix focus water proof binoculars, high resolution optics, central focusing. Rubber sheat.

Rescue 7 x 50 binoculars

1045039

Floating and waterproof binoculars, high resolution optics, eye focusing.

Ref.	Magni-fication	Ø objective lens	Focus	Tightness	Field of view	Prism	Coating	Color	Height	Weight	Fold-down eye cups
1045030	7	50	Central	Waterproof	115 m	BAK-4	Multi	Black and blue	200 mm	920 g	✔
1045025			Autofocus	Waterproof	115 m	BAK-4		Black and blue	200 mm	880 g	
1045038			Eye focus	Waterproof	132 m	BAK-4		Black and yellow	200 mm	900 g	
1045039			Eye focus	Waterproof	132 m	BAK-4		Black and yellow	200 mm	800 g	

Options & accessories

- ***Protection case***
  31356
  For 7 x 50 binoculars. White PVC, UV resistant.

- ***Floating lanyard***
  31248
  Foam-cushioned strap : it will float 7 x 50 binoculars and mark their location in visible yellow to fish them out quickly.

Binoculars

Pocket 7 x 18 binoculars
1045061

Light and compact waterproof binoculars.
Eye focusing. Foldable.
Rubber sheat.

Mini 8 x 21 binoculars
1045070

Light and compact folding binoculars. Central focusing.

Ref.	Magni-fication	Ø objective lens	Focus	Tightness	Field of view	Prism	Coating	Color	Height	Weight	Fold-down eye cups
1045061	7	18	Eye focus	Waterproof	163 m	BAK-7	Fully	Yellow	85 mm	160 g	✔
1045070	8	21	Central	Sprayproof	131 m	BAK-7	Fully	Black	90 mm	150 g	

Loud hailer

Loud hailer with built-in microphone
61682

Features a Class-D amplifier, max power 25 W.
4 functions : conversation, whistle, foghorn & siren.
Average range : 450 metres.
Powered by 10 x AA batteries, (not included).
Autonomy : about 8 hours.
Weight (without batteries) : 950 g.
Ø 203 mm, length 350 mm.

A

B

Heelmeters

Indispensable for measuring the optimum angle of heel, for racing dinghies and larger yachts.
Designed to be mounted inside or outside.

	Réf.	Modèle	Graduation	Mounting	Dimensions
A	**51601**	45° heelmeter	5° graduation, up to 45°	Adhesive backing	80 x 40 mm
B	**51494**	G6° and 45° double reading heelmeter	1° graduation, up to 6° or 5° graduation, up to 45°	4 screws	110 x 82 mm

Navigator binoculars

STEINER

The Navigator takes STEINER's popular Marine series into a new generation with innovative product features. Handling is dramatically improved thanks to the new "Open-Bridge-System", while the texturing on the body allows for comfortable and strong grip in any situation. The STEINER Auto-Focus guarantees always sharp images even while handling the product with one hand.
Equipped with the fluid damped, shock-absorbing and most precise compass in its class. This large, illuminated compass is also equipped with a bearing mark and makes navigation on all seas incredibly reliable.

10 year Warranty

Neoprene harness included.

Navigator Pro 7 x 50
68995

Navigator 7 x 50 Compass
68994

High resolution shock-absorbing compass.

Navigator Pro 7 x 30
68997

Navigator 7 x 30 Compass
68996

High resolution, shock-absorbing and compact compass.

Model	Navigator 7 x 50	Navigator 7 x 50 Compass	Navigator 7 x 30	Navigator 7 x 30 Compass
Ref.	**68995**	**68994**	**68997**	**68996**
Objectifve lens diameter	50 mm	50 mm	30 mm	30 mm
Magnification	7 x	7 x	7 x	7 x
Waterproof	5 m	5 m	5 m	5 m
Field of view at 1000 m	128 m	128 m	128 m	128 m
Brightness	51	51	18.4	18.4
Exit pupil	7.14 mm	7.14 mm	4.29 mm	4.29 mm
Twilight factor	18.7	18.7	14.5	14.5
Height	140 mm	140 mm	106 mm	106 mm
Width	208 mm	208 mm	165 mm	165 mm
Weight	1040 g	1115 g	499 g	530 g

10 years warranty except for external parts.

Commander binoculars

STEINER

30 year Warranty

Steiner Commander 7 x 50 binoculars combine a unique quality standard and extreme ruggedness in all circumstances. With their exclusive "diamond" optical coating, they offer breathtaking overview. This guarantees perfect, razor-sharp images even in low brightness conditions.
The Sports-Auto-Focus always delivers crystal-clear images in 3D brilliance from 20 m to infinity. The Commander model features ErgoFlex eyecup to protect against side light.
The Makrolon® housing provides exceptional ruggedness and the nitrogen-pressure technology prevents fogging up and formation of condensation inside the binoculars.

ErgoFlex eyecups

Commander 7 x 50
1200429

Neoprene carrying harness & floating neck strap included.

Commander 7 x 50 Compass
1200428

High precision illuminated analogic compass integrated.

Model	Commander 7 x 50	Commander 7 x 50 Compass
Ref.	**1200429**	**1200428**
Objective lens diameter	50 mm	50 mm
Magnification	7 x	7 x
Waterproof	10 m	10 m
Field of view at 1000 m	145 m	145 m
Brightness	51	51
Exit pupil	7.1 mm	7.1 mm
Twilight factor	18.7	18.7
Height	157 mm	157 mm
Width	206 mm	206 mm
Weight	1090 g	1190 g

30 years warranty except for external parts.

BluHorizons binoculars

BluHorizons 10 x 26
67305

Very compact and lightweight binoculars featuring the Steiner Autobright technology : the sunlight adaptive lens automatically adjusts brightness.
Images are bright and razor-sharp and eyestrain is reduced. Fast-Close-Focus system makes focus adjustment very easy.

Equally suitable for boating and outdoor activities.

10 year Warranty

Model	BluHorizons 10 x 26
Ref.	**67305**
Objective lens diameter	26 mm
Magnification	10 x
Waterproof	Sprayproof
Field of view at 1000 m	98 m
Brightness	6.76
Exit pupil	2.6 mm
Twilight factor	16.12
Height	114 mm
Width	111 mm
Weight	310 g

10 years warranty except for external parts.

Brass clocks and barometers

Solid brass case

- **Barometers** : high sensitivity aneroid barometers, with an entirely metallic chain.
- **Clocks** : quartz mechanism. Bevelled glass edge.

6" models

Front facia Ø : 15 cm. Base Ø : 22 cm.

Solid brass case, bevelled glass edge

6" clock
12763

6" barometer
12762

4.5" models

Front facia Ø : 11.5 cm. Base Ø : 14 cm.

4.5" clock
31229

4.5" barometer
31230

4.5" thermometer-hygrometer
31231

4.5" tide clock
56051

4" models

Front facia Ø : 8.8 cm. Base Ø : 13 cm.

4" clock
12765
With alarm : **12766**

4" barometer
12767

4" clock
With silent zones.
12768
With alarm : **12769**

4" thermometer-hygrometer
18683

4" models

Front facia Ø : 8.8 cm. Base Ø : 13 cm.

4" clock
Matt chrome case.
38206

4" barometer
Matt chrome case.
38207

4" thermometer-hygrometer
Matt chrome case.
38208

4" tide clock with 4 hands
Matt chrome case.
38209

4" models

Front facia Ø : 8.8 cm. Ø socle : 13 cm.

Matt chrome case.
Bevelled glass edge.

4" clock
With silent zones.
54779

4" clock
Standard facia.
35886

4" barometer
35884

4" Thermometer-hygrometer
35885

Traditional barograph
27184

Top quality and high precision barograph, in a stylish mahogany and glass case. Operates on a 4 Cupro berylium capsule movement, with no spring. This model is perfectly suitable for both yacht or home. Every barograph is fully tested and calibrated. Supplied with LR6 battery, felt tip stylus and 100 weekly sheets.
Dimensions : Length 20 cm, Width 12 cm, Height 14 cm.
Accuracy : ± 0.5 hPa.

Accessories

- ***Weekly sheets : 27186***
  Pack of 100 sheets, graduated in millibars. Format : 221 x 67 mm.
- ***Felt tip stylus (X2) : 27185***

Weatherman
12761

Quartz clock, barometer, hygrometer and thermometer : the Weatherman gives all necessary information on weather conditions. Set on an attractive teak base in a porthole style frame, the Weatherman will enhance any cabin or club house.
Diameter : 20 cm. Diameter of teak base : 35 cm.

3" clock & barometer set on hard wood board
12764

Ø of instruments : 7.5 cm.
Dimensions of wood board : 32.5 x 15 cm.

Flags

National flags

100% polyester

- **30 x 45 cm**
  Belgium : **64373**
  Brazil : **64386**
  Croatia : **64380**
  Europe : **64368**
  France : **64362**
  Germany : **64374**
  Greece : **64358**
  Italy : **64382**
  Netherlands : **64357**
  Portugal : **64361**
  Spain : **64381**
  Switzerland : **64307**
  United Kingdom :
  Red Ensign : **64308**
  Union Jack : **64372**
  USA : **64387**
- **20 x 30 cm**
  Belgium : **64385**
  France : **64311**

64374

64382

United Kingdom - Red Ensign :
- 30 x 45 cm : **64308**
- 40 x 50 cm : **64309**
- 50 x 75 cm : **64310**

64381

64357

France
- 20 x 30 cm : **64311**
- 30 x 45 cm : **64362**
- 40 x 60 cm : **64363**
- 50 x 75 cm : **64365**
- 75 x 100 cm : **64364**

Regional flags

100% polyester.

- **30 x 45 cm**
  Brittany : **64375**
  Catalonia : **64378**
  Corsica : **64360**
  Normandy : **64359**
  Basque country : **64379**
  Provence : **64383**
  Savoy : **64384**
- **20 x 30 cm**
  Guernsey : **64312**
  Wales : **64313**
  Scotland-St Andrew : **64314**
  St George's Cross : **64315**

64375

64360

64379

64378

Novelty flags

100% polyester.
Dimensions 30 x 45 cm.
Witch : 64316
Cocktail : 64317
Jolly Roger : 64318

Set of French flags

Contains the 3 mandatory flags according to French regulation. 100% polyester.
- 30 x 40 cm : **64376**
- 50 x 60 cm : **64377**

Flag set

64356

100% polyester. Halyard finish.
- 26 alphabets : 20 x 30 cm.
- 11 pennants : 43 x 15 cm.
- 3 substitutes : 30 x 15 cm.

English-French log book

58415

51 days. 104 pages overall.
Rigid coated cover.
Dimensions : 200 x 285 mm.
To record information on navigation (withor without GPS), weather, engine and other comments.

Individual code flags

100% Polyester

• 20 x 30 cm

A :	**64319**	N :	**64333**
B :	**64320**	O :	**64334**
C :	**64322**	P :	**64335**
D :	**64323**	Q :	**64336**
E :	**64324**	R :	**64337**
F :	**64325**	S :	**64338**
G :	**64326**	T :	**64339**
H :	**64327**	U :	**64340**
I :	**64328**	V :	**64341**
J :	**64329**	W :	**64342**
K :	**64330**	X :	**64343**
L :	**64331**	Y :	**64344**
M :	**64332**	Z :	**64345**

• 15 x 43 cm

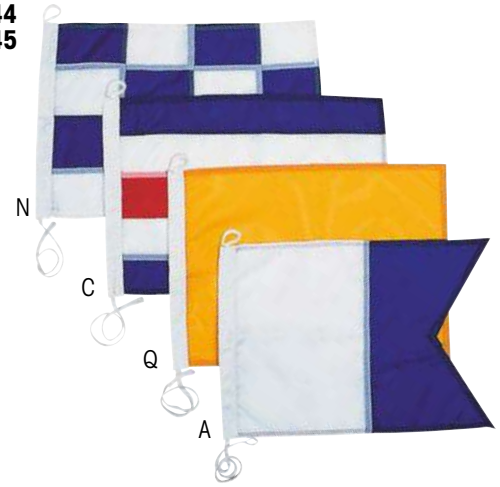
1 :	**64346**
2 :	**64347**
3 :	**64348**
4 :	**64349**
5 :	**64350**
6 :	**64351**
7 :	**64352**
8 :	**64353**
9 :	**64354**
0 :	**64355**

• 30 x 45 cm.

N :	**64366**
C :	**64367**

• 30 x 45 cm.

A - Diving : **64370**
B : **64321**
Q : **64369**



String of pennants

64371

40 pennants, 100% polyester.
Total length of string : 12 m.
Size of flags : 14 x 20 cm.

Life Flag

LIFE FLAG **To be rescued, we must be seen**

Photoluminescent and fluorescent : visible at any time night or day, the Life Flag enables a quick and effective location. Available in distress and diving flag.

For recreational boating, sailing and windsurfing, or all water activities.

Innovative process

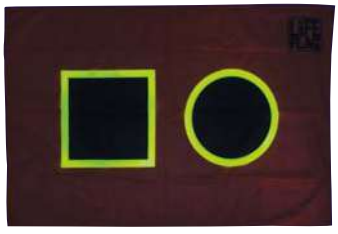
Photoluminescence process combined with fluorescence optimizes the location by night or day, in all weather conditions.
5 minutes exposure to a bright light = 8 hours of photoluminescence.

Benefits

- **Safety** : excellent visibility by night or day, immediate spotting even from airplane.
- **Easy to use** : quick and easy fastening with shock cords, fully operational when flat or hoisted.
- **Economic and eco-friendly** : durable safety equipment, recyclable. No other energy source required other than light.
- **Quality** : made in France, non-polluting manufacturing process with solvent-free, water based printing paste. French patent. LNE certificate.

International maritime distress flag 61689	**Diving flag with Saint-Andrew's cross 61690**
Dimensions : 75 x 112 cm	Dimensions : 30 x 40 cm
Weight < 320 g	Weight < 50 g
Blocked mesh polyester fabric, 130 g/m²	Blocked mesh polyester fabric, 130 g/m²
Tunnel strap (Life Flag exclusivity)	Tunnel strap (Life Flag exclusivity)
Supplied with 4 shock cords	Supplied with 4 shock cords
Complies with OMI/RIPAM-IMO/COLREG distress signals (flag with black ball)	-

61689 – Day



61689 – Night

61690 – Day

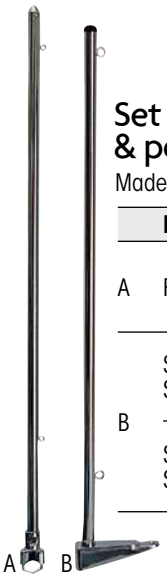
61690 – Night

Flag staffs & pole socket

Wooden flag staffs

Model	Pine (A)	Pine (B)	Mahogany (C)
Ø of base	25 mm*	25 mm ajustable	25 mm*
Features	Nylon cleat + concealed pulley	-	Wood cleat + concealed pulley
45 cm	-	-	-
50 cm	-	**27792**	**27802**
60 cm	-	-	-
65 cm	**27798**	**27793**	**27803**
76 cm	-	-	-
80 cm	**27799**	**27794**	**27804**
90 cm	-		-
100 cm	**27800**	**27795**	**27805**
120 cm	-		-
125 cm	**35703**	**27796**	**35704**
150 cm	-	**27797**	-
160 cm	**35706**	-	-

*Except for 35703, 35704 and 35706 : diameter of 32 mm with chromed plated base.



Set of flag staff & pole socket

Made of chromed brass.

	Features	Ref.	Length
A	For Ø 20 mm tube max.	**422998** **422999** **423000**	35 cm 50 cm 80 cm
B	Screw-type. L 100 x W 35 mm Screws not included.	**418614**	35 cm
B	Screw-type. L 85 x W 35 mm Screws not included.	**400690** **417977**	50 cm 80 cm

Flag pole sockets

Construction	Mounting		Ref.	Ø mm	Height mm	Base	Inclination
Bronze	Screw-type	A	**17040**	25	57	Oval	-
Chromed brass	Screw-type	B	**417601**	25	50	Ø 55 mm	80°
	Flushmount-type	C	**400260**	25	80	Ø 72 mm	straight

Shroud cleat

14353

Designed to clamp ver wire to allow for flag halyards to be made off tidily. Accepts wire up to Ø 8 mm.

Flag lanyard block

16826

Polyamide.

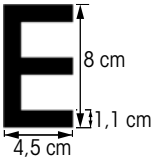
Letters & Figures

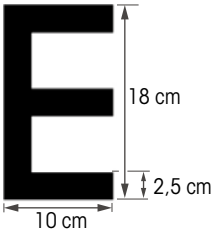
Each letter, placed on a rectangular support, comes covered with a transparent film. It is therefore very easy toalign every letter perfectly. The film is then peeled off when the installation is complete.

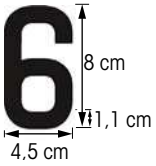
The range of letters selected by Plastimo is very easy to apply :

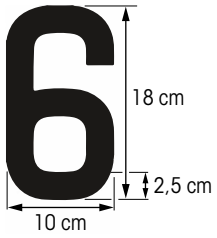
1) Clean the surface.
2) Remove the transparent film-letter set from paper.
3) Apply the transparent film-letter set on the surface.
4) Rub the letter for perfect grip.
5) Remove the transparent film.

ABCDEFGHIJKLM
NOPQRSTUVWXYZ
0123456789





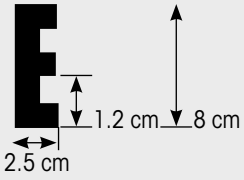


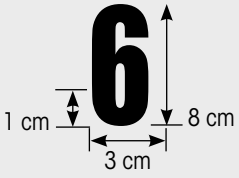


Letters 8 cm					Letters 18 cm			
	RIGID HULL		RIB		RIGID HULL		RIB	
	Black	White	Black	White	Black	White	Black	White
A	59086	59112	59138	59164	36277	36303	36329	36355
B	59087	59113	59139	59165	36278	36304	36330	36356
C	59088	59114	59140	59166	36279	36305	36331	36357
D	59089	59115	59141	59167	36280	36306	36332	36358
E	59090	59116	59142	59168	36281	36307	36333	36359
F	59091	59117	59143	59169	36282	36308	36334	36360
G	59092	59118	59144	59170	36283	36309	36335	36361
H	59093	59119	59145	59171	36284	36310	36336	36362
I	59094	59120	59146	59172	36285	36311	36337	36363
J	59095	59121	59147	59173	36286	36312	36338	36364
K	59096	59122	59148	59174	36287	36313	36339	36365
L	59097	59123	59149	59175	36288	36314	36340	36366
M	59098	59124	59150	59176	36289	36315	36341	36367
N	59099	59125	59151	59177	36290	36316	36342	36368
O	59100	59126	59152	59178	36291	36317	36343	36369
P	59101	59127	59153	59179	36292	36318	36344	36370
Q	59102	59128	59154	59180	36293	36319	36345	36371
R	59103	59129	59155	59181	36294	36320	36346	36372
S	59104	59130	59156	59182	36295	36321	36347	36373
T	59105	59131	59157	59183	36296	36322	36348	36374
U	59106	59132	59158	59184	36297	36323	36349	36375
V	59107	59133	59159	59185	36298	36324	36350	36376
W	59108	59134	59160	59186	36299	36325	36351	36377
X	59109	59135	59161	59187	36300	36326	36352	36378
Y	59110	59136	59162	59188	36301	36327	36353	36379
Z	59111	59137	59163	59189	36302	36328	36354	36380

Figures 8 cm				
	RIGID HULL		RIB	
	Black	White	Black	White
0	59352	59362	59372	59382
1	59353	59363	59373	59383
2	59354	59364	59374	59384
3	59355	59365	59375	59385
4	59356	59366	59376	59386
5	59357	59367	59377	59387
6	59358	59368	59378	59388
7	59359	59369	59379	59389
8	59360	59370	59380	59390
9	59361	59371	59381	59391

Figures 18 cm				
	RIGID HULL		RIB	
	Black	White	Black	White
0	36381	36392	36403	36414
1	36382	36393	36404	36415
2	36383	36394	36405	36416
3	36384	36395	36406	36417
4	36385	36396	36407	36418
5	36386	36397	36408	36419
6	36387	36398	36409	36420
7	36388	36399	36410	36421
8	36389	36400	36411	36422
9	36390	36401	36412	36423





Letters and figures registration kit

- White : **67299**
- Black : **67300**

144 adhesive letters and figures. Strong resistant vinyl.
Kit includes 4 units of each letter and figure.
Meets USCG guidelines.

Instruments for sailboats

advanSea

Instruments are the core component of any yacht navigation system. The advanSea S400 series uses cutting edge technology to provide accurate data for cruisers or racers.

Jean-Marie Lio ©

Compass, repeater and Wi-Fi interface are great additions that definitely make the S400 series a solid value set of instruments.

- Accuracy, optimal legibility, flexibility and ease of installation are the key benefits of the S400 series, together with easy intuitive operation with direct function access.
- LCD screens with wide-angle viewing and super size digits for unmatched visibility. Watertight display facia (IP66) ; displays feature an anti-fogging coating for optimal safety even in extreme conditions.

The S400 series is available with a choice of compatible transducers manufactured by Airmar or Plastimo. The instruments can also operate as 'stand alone' with intelligent transducers or an NMEA0183 source.

Depth

Hi-Performance DEPTH SOUNDER with digits (45 mm)

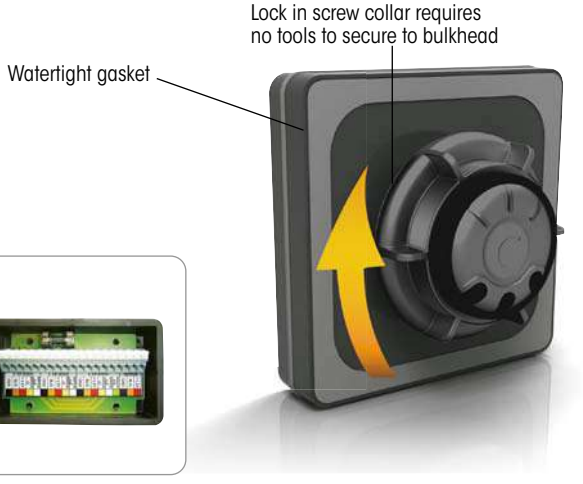
- Depth : 1.5 to 100 m* (5 to 330 ft) with keel offset.
- Depth trend indication.
- Deep and shallow alarms.
- Low battery alarm.
- Simulation mode.

* Depends on transducer.

DEPTH S400	Ref.
• **Complete, with Airmar transducer** (61669)	**63756**
• **Instrument only (no transducer)**	**57748**

Supplied with weather cover.

See page 389 for transducers.



Option

Connection bus box (proprietary bus) : 57765

AdvanSea Bus : Each S400 instrument features AS-1 Bus. This Half Duplex single-cable bi-directional 38400 baud Bus, enables extremely fast and reliable exchanges between all S400 instruments on board. Up to 20 S400 instruments can be connected to this network.

In addition, the AdvanSea AS-1 junction box (ref. 57765) facilitates the data transfer between 3 AdvanSea instruments through the AS-1 Bus, and allows NMEA connection to or from the instruments

Speed

LOG-SPEEDO with giant digits (45 mm)

Delivers all speed, distance, time and temperature data, together with countdown function.

- Water speed : 0-60 knots, 0-69 mph, 0-111 km/h.
- GPS speed if connected to compatible (NMEA0183) navigator.
- Total and trip log.
- Elapsed time and countdown race timer.
- Water temperature.
- Speed trend indication.
- Surface speed high and low alarms.
- Low battery alarm.
- Simulation mode.

SPEED S400 log-speedo	Ref.
• **Complete, with Plastimo transducer** (60640)	**63757**
• **Instrument only (no transducer)**	**57749**

Supplied with weather cover.

See page 389 for Depth & Speed transducers.

Multi

All the functions of S400 Depth and Speed

Choice of data displayed on 2 lines.

- Lower line : 22 mm high digits.
- Upper line : 32 mm high digits.
- Depth and speed trend indication.
- Proprietary Bus interface and NMEA0183 input/output.
- Simulation mode.

MULTI S400	Ref.
• **Complete, with transducers** (40640 & 61669)	**63758**
• **Instrument only (no transducers)**	**57750**

Supplied with weather cover.

Wind

All essential Wind data on a digital display

- Instant wind direction information in analogue and digital display.
- Data displayed on 2 user-settable lines (upper line 32 mm high, lower line 22 mm high).
- Proprietary bus interface and NMEA0183 input/output.
- Wind speed (0 to 199 knots).
- Wind direction through 360°.
- Wind trend indication.
- Apparent and true* wind angle and speed.
- Wind direction at 1° resolution.
- VMG speed.
- Wind speed alarm.
- Low battery alarm.
- Simulation mode.

* If connected to speedometer delivering surface speed or GPS.

WIND anemometer	Ref.
• Complete, with masthead unit + 25 m cable	**57751**
• Instrument only (no masthead unit, no cable)	**57752**

Supplied with weather cover.

Wind-a

Wind direction indication on a 360° analogue display

Same features as Wind S400 model.

WIND-anemometer	Ref.
• Complete, with masthead unit + 25 m cable	**57753**
• Instrument only (no masthead unit, no cable)	**57754**

Supplied with weather cover.

Spare parts for Wind & Wind-a

- ***25 m mast head cable : 57763***
- ***Wind cup : 58706***
- ***Wind vane : 58707***
- ***Bearing kit for cups : 62345***
- ***Bearing kit for windvane : 63482***

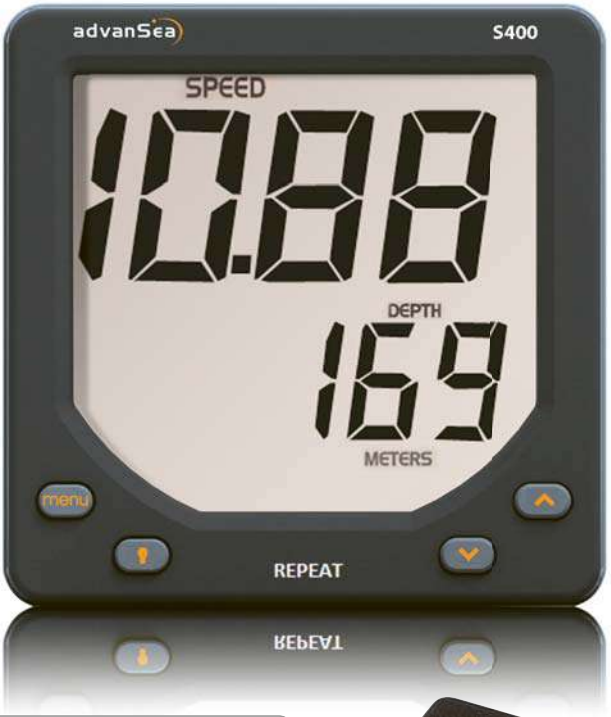
AdvanSea masthead transducer unit

High quality design incorporating precision bearings and aluminium cantilever arm.

Sensitivity threshold is very low to ensure an optimum accuracy even in light winds. Balanced wind vane for increased accuracy and stability at heel. Sturdy construction and watertight connector.

AdvanSea masthead unit	Ref.
• Masthead transducer unit + 25 m cable	**57761**
• Masthead transducer unit, no cable	**57762**

Repeat



Repeats all data from S400 instruments through the advanSea AS-1 bus. Also repeats data from all instruments featuring an NMEA0183 capability.

- Apparent wind direction and speed.
- Depth (with and without offset).
- Water speed and GPS speed (with and without offset).
- Water temperature.
- Total and trip log.
- Course information (compass).

Features

- 2-line display : digits 32 mm high on upper line, 22 mm on lower lines.
- Proprietary Bus interface and NMEA0183 input/output.
- Simulation mode.

S400 REPEAT	Ref.
• Repeat S400, display alone	**67039**

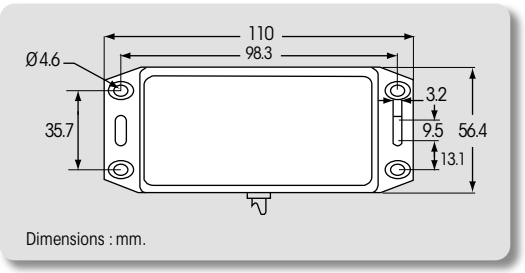
WiFi - 4G

WiFi universal multiplexer

64073

Centralizes all NMEA0183 data sources into a single stream. Then, the data is transmitted via WiFi and accessible from a wireless device : laptop, tablet or smartphone.

Once the instruments are connected, the interface automatically configures itself.



- Built-in supply and data cable : 1 m long.
- Power supply : from + 9.5 V to +30 V.
- Power consumption : max. 40 mA (12 V).

S400 compass

The S400 Compass is an advanSea sensor designed to measure the earth's magnetic field.

Delivers a magnetic heading indication (HDG frame) using an NMEA0183 connection.
Compatible with the advanSea Wi-Fi interface (ref. 64073), the advanSea REPEAT display (ref. 67039).
Also compatible with all devices featuring an NMEA0183 input and able to receive magnetic heading information (GPS card reader, navigation software, radar, etc...).

Earth magnetic field sensor.

A Fluxgate compass sensor consists of a ferromagnetic washer, an excitation coil and two detection coils. Induction is created in the washer by a signal on the excitation coil. The presence of an external magnetic field (earth magnetic field) generates an additional induction in the washer and produces distortions measured by the detection coils. This measurement is then used by the electronics.

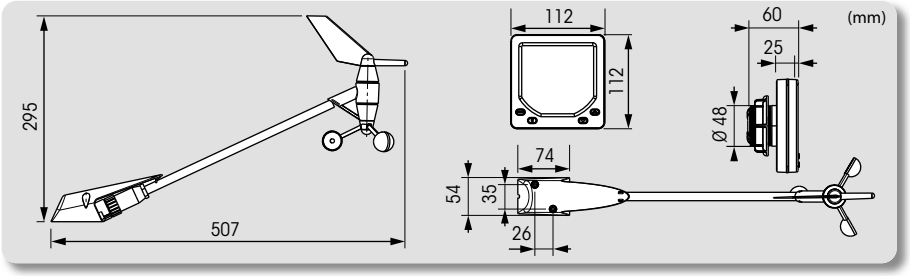
- Power supply : 10 to 16 V DC / 25 mA.
- 1° resolution.
- Overall height 68 mm x Ø 76 mm
- Weight : 270 g including cable.

S400 COMPASS	Ref.
• **S400 compass with 6 m cable, holding bracket + fixing screws, instructions manual***	**67040**

* Paper instruction manuals : French and English.

Specifications

S400 instruments					
COMMON FEATURES	**DEPTH**	**MULTI**	**SPEED**	**WIND**	**WIND-α**
External unit dimensions	112 x 112 mm			112 x 112 mm	
Operating voltage	10 V to 16.5 V			10 V to 16.5 V	
Display power consumption	Below 150 mA Incl. backlighting			Below 150 mA Incl. backlighting	
Operating temperature	-10 to + 50° C			-10 to + 50° C	
Storage temperature	-20 to + 60° C			-20 to + 60° C	
Mounting	Flush mount			Flush mount	
Drilling Ø	48 mm			48 mm	
Fixing	Rear locking collar			Rear locking collar	
"O" ring for bulkhead mount	✔			✔	
Buzzer/external alarm output	✔ / ✔			✔ / ✔	
Screen	Monochrome LCD, TN technology (Twisted Nematic)			Monochrome LCD, TN technology (Twisted Nematic)	
Backlit keys	✔			✔	
Backlit screen	Yes, amber, 5 levels (Off, 1, 2, 3, 4)			Yes, amber, 5 levels (Off, 1, 2, 3, 4)	
Anti-fogging screen	✔			✔	
LCD	Transflective			Transflective	
Waterproof rating	IP66 front face			IP66 front face	
Intuitive menu	✔			✔	
Weather cover	✔			✔	
Simulation mode	✔			✔	
INSTRUMENTS SPECIFIC FEATURES					
Depth range	1.5 to 100 m (5-33 ft)		-	-	-
Water speed	-	0 to 60 knots		-	-
Depth speed	-	Yes if connected through NMEA0183		-	-
Wind speed	-	-	-	0 to 199 knots	
Wind direction	-	-	-	0 to 180° Port-Starboard 0° / 359°	
True wind	-	-	-	If connected to speedometer with surface speed or GPS	
Depth resolution	0.1 m from 0 to 19.9 m / 1 m from 20 to 199 m		-	1° in direction	
Speed resolution	-	0.01 knt from 0 to 19.99 knt / 0.1 knt from 20 to 60 knt		0.1 knt from 0 to 19.9 knt / 1 knt from 20 to 199 knt	
Display damping	1 - 30 steps			1 - 30 steps	
NMEA0183 input ports	1			1	
NMEA Input sentences	Speed : VHW/VTG/VLW/MTW/RMC - Depth : DPT / DBT Multi : VHW/ VTG/ DPT/ VLW/ MTW/ RMC/ DBT			VHW / VTG / MWV / RMC / VWR	
NMEA0183 output ports	1			1	
Output sentences	DBT/ DPT	VHW/ VLW/ MTW/ DBT/ DPT	VHW/ VLW/ MTW	VPW / MWV / VWR	
Proprietary bus	Half-Duplex series connection (38400 bauds on one wire)			Half-Duplex series connection (38400 bauds on one wire)	
Countdown	-	✔	✔	-	
Digits size	45 mm	45 mm	Upper line : 32 mm Lower line : 22 mm	Upper line : 32 mm Lower line : 22 mm	
Units	°F & °C - Feet - Metres - Knots - Km/hr - Miles/hr - V - Miles - Km			Degrees - M/s - Beaufort - Knots - Km/hr - Miles/hr - V	
Alarms	High & low depth / Low battery	Deep & shallow speed/ High & low depth / Low battery	Deep & shallow speed / Low battery	Strong wind / Low battery	



Spare protective cover, for all S400 instruments : 57764

REPEAT
112 x 112 mm
10 V to 16.5 V
Below 150 mA incl. backlighting
-10 to + 50° C
- 20 to + 60° C
Flush mount
48 mm
Rear locking collar
✔
✔ / ✔
Monochrome LCD, TN technology (Twisted Nematic)
✔
Yes, amber, 5 levels (Off, 1, 2, 3, 4)
✔
Transflective
IP66 front face
✔
✔
✔
-
-
-
-
-
-
-
-
-
2
VHW / VTG / DPT / VLW / MTW / RMC / DBT / MWV / VWR / HDT / HDM / HDG / VPW
1
VHW / VTG / DPT / VLW / MTW / RMC / DBT / MWV / VWR / HDT / HDM / HDG / VPW
Half-duplex serial connection (38400 bauds on one wire)
-
Upper line : 32 mm Lower line : 22 mm
°F & °C - Feet - Metres - Knots - Km/h - Miles/h - V - Miles - Km - Degrees - M/sec - Beaufort
Off course, low battery

Transducers

For S400
and some Navman instruments*

Thru-hull, fixed Airmar P319 mono-frequency
61669

200 kHz, beam width 12°. Plastic body. Drill Ø 51mm. 9 m cable. RCA connector. Max. 200 m.

* Compatible with Navman Multi & Depth 100 and 3100

30-knot sensor

- **40640 : Complete with thru-hull.**
- **42285 : Without thru-hull.**

Speed and temperature. Removable plastic thru-hull fitting. Drill Ø 41 mm. 8 m cable. LT8 connector.

Spares

- ***Thru-hull paddle wheel : 17408***
  for Plastimo transducer 40640 Ø 41 mm
- ***Thru-hull only : 61901***
  for Plastimo transducer 40640 Ø 51 mm

MADE BY PLASTIMO

Airmar ST850 45-knot thru-hull
57768

Speed and temperature. Removable thru-hull fitting. Anti-return valve. Drill Ø 51 mm. 9 m cable. LT8 connector.

Airmar DST800 NMEA 0183 removable thru-hull sensor
66996

Compatible with all NMEA0183 instruments (S400, Depth and Speed S400, Repeat S400, WiFi Advansea interface, chart reader, navigation software, radar, etc…).

- Removable.
- Anti-return valve / Ø 51 mm.
- 10 m cable / no connector.
- 10 to 25 V power supply / < 40 mA.
- 70 m maximum depth.

Sensor calibration (ex: Keel offset) requires a PC, a USB / serial adapter and Airmar's WeatherCaster software.

** Thru-hulls 54940, 58416 & 57769 also compatible with Navman instruments :
- Fish 4500 / Fish 4600 and superior models
- Trackfish 6500 / Trackfish 6600 and superior models
- 8084 & 8120

For C56
and some Navman instruments**

In-hull puck, Airmar P79 dual-frequency
54940

50/200 kHz, beam width 45/12°. 10 m cable. LT6F connector. Compensation up to 22° of slope.

Plastic thru-hull, Airmar P319 dual-frequency
58416

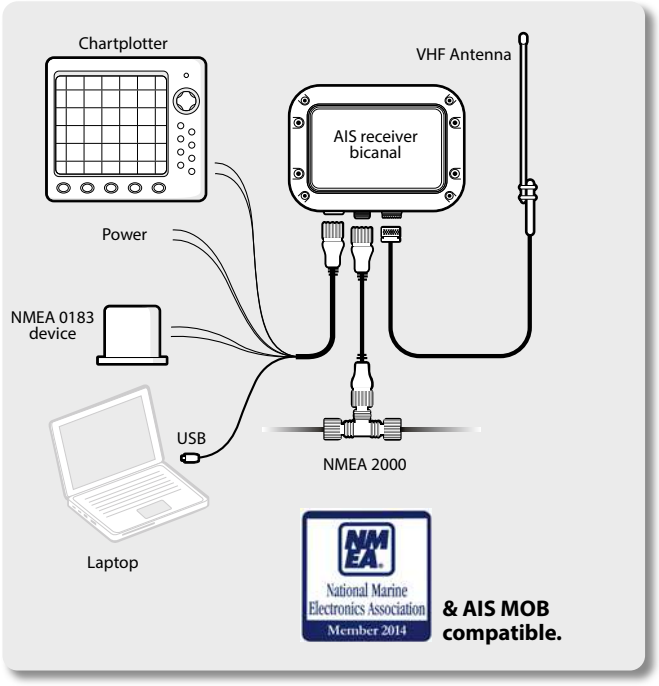
50/200 kHz, beam width 45/12°. Drill Ø 51 mm. 10 m cable. LT6F connector. Max. 350 m.

Transom mount Airmar P58 Dual-frequency/ speed/temp.
57769

50/200 kHz. Beam width 45/11°. 10 m cable. LT6F connector. Max. 350 m.

AIS Transceivers

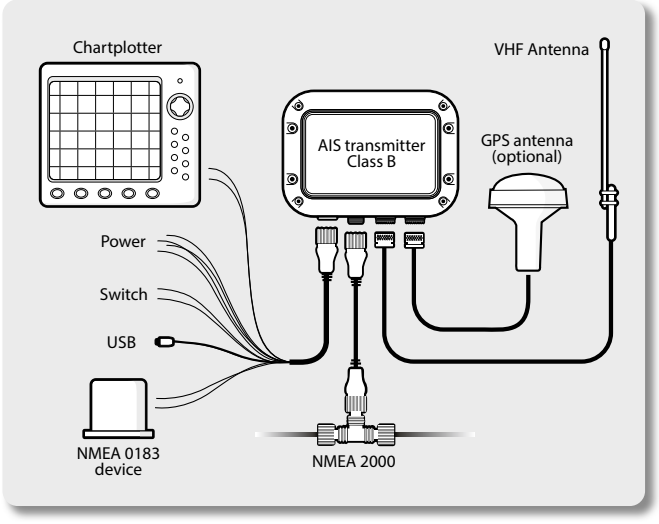
Improve your safety at sea with advanSea AIS.
Receive AIS broadcasts from other vessels and display their location, speed and heading on your GPS Plotter or PC.
All advanSea GPS plotters are AIS interface ready.



RX-110 AIS receiver

61905

The RX-110 outputs the received AIS data transmitted by vessels with class A and B transponders on the VHF network.



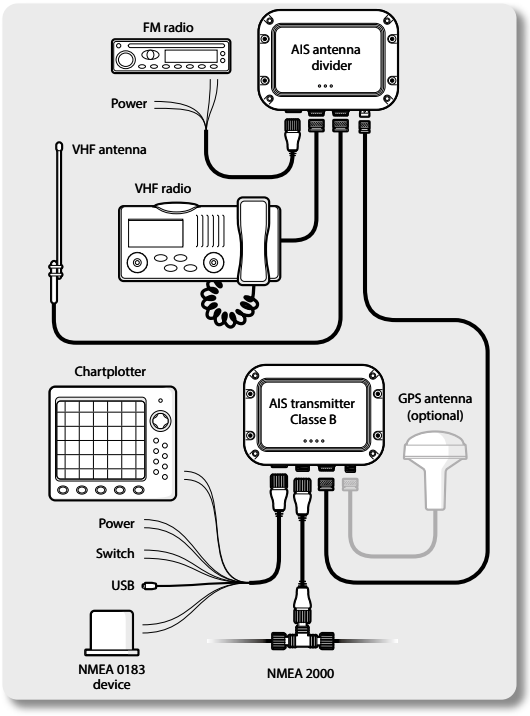
TR-210 AIS transceiver

61904

See and be seen.
This Class-B AIS transceiver module enables both the transmission and reception of AIS data from your boat. Your vessel identification data is programmed into the TR-210 using the software and cable included with the transceiver.
The TR-210 AIS transceiver output connects to your GPS/Plotter via the NMEA 0183 or NMEA 2000 (depending on instrument compatibility) interface and to your PC through the USB connector. The TR 210 has an internal GPS antenna providing vessel position data to the AIS transmitter. An external GPS antenna can be connected if necessary (ref. 62173).

What is AIS ?

The AIS system, Automatic Identification System, enables the automatic exchange of navigation data such as position, MMSI number, course, speed etc. over the marine VHF digital network.



VHF Splitter
AIS SPLIT-110

61906

Enables the simultaneous use of the vessel's installed marine VHF radio and an AIS transmitter or receiver via a single VHF antenna.

Specifications & performance features of advanSea AIS instruments

Specifications	AIS RX-110	AIS TR-210	AIS SPLIT-110
Dimensions	140 x 100 x 42 mm (L x W x H)	140 x 100 x 42 mm (L x W x H)	140 x 100 x 43 mm (L x W x H)
Weight	250 g	250 g	250 g
Power	2 to 24 VDC - Power consumption : 200 mA@12VDC	12 to 24 VDC - Power consumption : 170 mA@12VDC	12 to 24 VDC - Power consumption : < 150 mA@12 VDC
Electrical interfaces	NMEA 0183, 38400 Baud (output), NMEA 0183 4800 Baud (input) - USB - NMEA 2000®	NMEA 0183, 38400 Baud (output), NMEA 0183 4800 Baud (input) - USB - NMEA 2000®	VHF antenna output (SO239 connector) - VHF radio input (SO239 connector) - AIS input (BNC connector)
Supplied with	Power, NMEA 0183 & USB cable - User manual - Quick start guide - Warranty card - CD & Fixing screws.	Power, NMEA 0183 & USB cable - User manual - Quick start guide - Warranty card - CD & Fixing screws.	Power cable - VHF radio interface cable - AIS interface cable - User manual - Quick start guide - Warranty card - CD & Fixing screws.
User interface	2 LED indicators for power and AIS message reception	4 LED indicators for power, transmit timeout, Error and Silent mode	3 LED indicators for power, VHF and AIS transmission
Operating temperature	-25°C to +55°C	-25°C to +55°C	-10°C to +55°C
Waterproofness	IPX7.	IPX7.	IPX7.

Anemometers

Windy handheld anemometer

49357

3 cups mounted on rotor, allow the reading of wind speed in all Waterproof and insubmersible.
Automatic backlighting in low light conditions.
Automatic OFF switch 60 seconds after cups have stopped rotating (allows battery saving).

Wind speed :
- Scale : 1 to 40 m/s.
- Units : digital knots, m/s, km/h, mph.
- Graphic Beaufort force.
- Maximum wind speed.
- Average speed on 5, 10, 20 or 40 selected seconds.
- Accuracy : 4%.
- Resolution : 0.1 (up to 9.9), 1 (over 10).

Air temperature and Windchill :
- Scale : -20 to +60 °C.
- Accuracy : 1 °C (2 °F).
- Units : °C or °F.
- Resolution : 1 °C (2 °F).

- Dimensions : height 135 mm, Ø 7 cm (cups included).
- Weight : 70 g with battery.
- Power : 1 x 3 V lithium battery. CR2032 type (Included).
- Battery lifetime : 8000 hours (up to 10 years), 100 hours with backlighting.

Large backlit screen with 2 configurable lines.
Digits up to 15 mm high.

Options & Accessories

- ***Holder 49359***
  Bulkhead mount or standing. For easy storage or for measurement with tripod.
- ***Replacement kit 49358***
  3 cups mounted on rotor.

Windmate 200 pocket anemometer

54958

As a real innovation, the Windmate 200 gives the wind direction, with its wind sensors and integrated compass.
Waterproof thanks to its incorporated protective case.
Space saving and easy storage.The Windmate 200 floats.

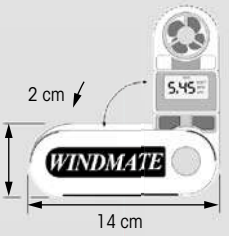
Wind speed :
- Scale: 0.8 to 143 km/h.
- Accuracy : ± 3%.
- Units : knots, mph, km/h, m/s, ft/min., Beaufort Force.
- Max. wind speed.
- Average wind speed (over 5, 10 or 13 seconds).

Wind direction :
- Wind direction through 0 to 360°.
- Accuracy : ±1°.
- Wind indication : head and cross wind.

Compas :
- Route indication through 0 to 360°.
- Accuracy : ± 1°

Update every second.
Automatic switching off after 5 minutes.
Read-out freeze facility.

- 1-line easy-to-read 12 mm LCD display.
- 2-line LCD display.
- Weight (with battery) : 85 g.
- 24 mm impeller, corrosion free.
- Waterproof slip-on case, shocks and UV-rays resistant + safety lanyard.
- Powered by a 3 V lithium battery (CR2032 type, supplied).



477060

477061

Skywatch Xplorer handheld anemometers

- **Xplorer 1 : 477060**
- **Xplorer 2 : 477061**

The Xplorer range is available in 2 versions and calculate wind speed. Xplorer 2 shows in addition, air temperature.
Accurate and instant reading by pressing one single button. Waterproof case with st. steel base. Lithium battery for long lasting use.

- Waterproof.
- Backlight LCD screen.
- Auto-off after 1 minute or possibility of permanent switching on.
- St. steel back case for more resistance.
- Power : included CR2032 lithium battery, replaceable. Battery life : 5 years when used regularly.
- Weight : 50 g.
- Dimensions : 41 x 93 x 17 mm.
- Supplied with removable lanyard.

Functions

	Wind speed	Temperature/Windchill
Scale	0 to 150 km/h	-50 °C to +100 °C
Units	km/h, mph, m/s, fps and knots	°C and °F
Accuracy	± 3 %	± 0.3 °C / ± 0.5 °F
Resolution	in tenth up to 99.9, then to the unit	In tenth of degree
Measurement cycle	2 per second	1 every 0.5 second
Explorer 1	▯	
Explorer 2	▯	▯
Eole	▯	
Meteos	▯	▯

478493

Eole
Ideal to discover the wind strength. Displays instant, average (3 s to 24 h) and maximum wind speeds.

478494

Meteos
The Meteos presents the same features as the Eole version, with temperature and Windchill functions on top.

Skywatch handheld anemometers with 3D propeller

- **Eole : 478493**
- **Meteos : 478494**

Combining aesthetic and ergonomic design, the Eole and Meteos Skywatch anemometers feature a large 3D propeller (54 mm) for accurate wind speed indication. Large digits for easy-to-read display.

- Waterproof - Unsinkable.
- LCD Backlight screen.
- Aluminium base with thread for mounting on a camera tripod.
- Units : km/h, m/s, knots, mph, fps and Beaufort, °C, °F.
- Scales : 2 to 150 km/h / -20 °C to +70 °C.
- Accuracy : ± 3 % (wind) / ± 0.2 °C (temperature).
- Weight : 235 g.
- Power supply : 2 x 1.5 V batteries, AA type.
- Dimensions : Ø 65 x 155 mm.
- Supplied with protective cap for the impeller.

GPS sailmon max

Plastimo is the reference for safety at sea, both in leisure sailing and in competition. So that navigation rhymes with performance, Plastimo has selected "The" GPS dedicated to light sailing.
An ally in the crew that combines precision and modernity, in a minimum of space. A technological answer in a robust, waterproof and wireless box.

SAILMON

2 year Warranty

GPS sailmon max
70215

The SAILMON MAX GPS is the most advanced navigation tool in its class. It will become the reference when starting a race or sailing a dinghy or a sportboat, to increase your sailing speed and give you useful information in real time. This data is continuously recorded to allow you to replay the race, analyse and compare your performance.

- Position.
- Speed.
- Heading.
- Heel angle.
- Pitch.
- Countdown / Chrono.
- Distance from the line at the start
- VMG.

Included :

- ***Gopro™ type holder***

- ***Induction charger***

- ***Protective case***

- ***Screw-on bracket.***

Accessories

- ***Single mast bracket 70607***

- ***Double mast bracket 70608***

Options

- ***Wireless, ultrasonic wind sensor 70216***

Additional datas with optional wireless, ultrasonic wind sensor :
- *Apparent wind angle and speed.*
- *True wind angle and speed.*
- *True wind direction.*
- *Wind graph.*

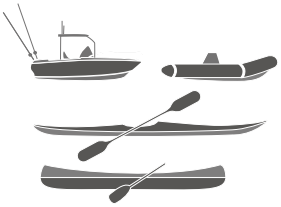
- ***Wind sensor mast mount 70221***

Features

- Compact design : H. 93 x W. 118.5 x D. 22 mm.
- Lightweight : 275 g.
- Robust and 100 % waterproof.
- Induction charger included.
- 24 hours autonomy with lithium-ion battery.
- Anti-glare screen - 4,4" - 320 X 240 pixels.
- Large format display with adjustable settings.
- Integrated 25 Hz GNSS (GPS, GLONASS, Galileo, Beidou) can be disabled.
- Inertial unit
- Wifi & Bluetooth.
- Internal memory (up to 6 days of navigation).

Thanks to SAILMON app for smartphones and tablets, you'll be able to :
- View live navigation data.
- Review data after sailing, share and compare multiple boats.
- Measure your performance thanks to a database of many boat models.
- Download your data in CSV and GPX format.
- Update your SAILMON MAX regularly.

Fishfinders



FD86A handheld fishfinder

66293

Mobility feature combined with the performance of a traditional depth sounder on a high resolution screen.

Floating sensor delivers most accurate information whatever the type of practice : kayak, fishing out at sea or from the shore.

Compact and handy : battery-powered for mobility. Also very practical when angling or fishing from a boat with no electricity on board.

Splashproof casing (IPX4) guarantees a perfectly safe use.

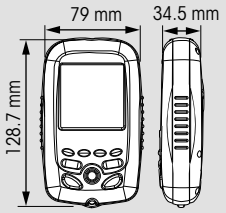
Comes complete with floating or transom-mount sensor, fixing bracket and 8 m cable.

- Backlit LCD screen 42 x 48 mm, 4-level greyscale display, 128 x 64 pixel.
- 200 kHz sensor with 45° beam.
- Temperature indication.
- Operates with 4 x AAA batteries.

Handheld sensor version

On boat | On the seashore | Fixed to the boat hull | Floating

FD86A



Echotest II depth sounder

38074

Small handheld depth sounder, of extremely simple operation, particularly intented for pneumatic or dinghy sailors.
Equally useful to scubadivers : it gives depth indication relative to the bottom, distance to a rock or to an underwater quay.
Totally waterproof, the Echotest II sounds up to 80 metres, and can be used at a maximum depth of 50 metres.
Echotest operates only when immersed.

- Frequency : 200 kHz.
- Depth range : from 1 m to 80 m (3 to 240 ft).
- Display : LCD, 7 segments, LED backlighting.
- Power supply : rated for 500 readings from one 9 V alkaline battery (6 F 22).
- Consumption : 70 mA.
- Waterproof up to 50 m depth.
- Dimensions : Ø 42 x Length 198 mm.
- Weight : 300 g.

VHF radios

Handheld VHF

Marine handheld VHF radios, waterproof and floating, delivering up to 13-hour runtime with outstanding transmission and reception performance.

Handheld VHF : Safety first !

In some countries, it is compulsory to have a handheld VHF on board as integral part of the safety equipment.

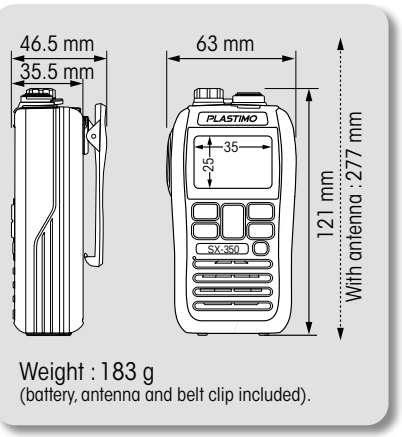
Plastimo recommends to have a handheld VHF on board when marina shuttling in an inflatable tender, when powercruising -even close to shore- on a RIB or dayboat, or as the ultimate easy communication instrument to upgrade your grab bag emergency array.

SX-350 handheld VHF

68754

Europe version, USA-Canada compatible.

- 3 W power output. 156-163.275 MHz frequencies.
- 13-hour runtime (assuming 5 % transmit, 5 % receive, 90 % watch).
- 1750 mA Li-ion battery.
- Dual and triple watch.
- Weather function (10 channels, USA only).
- Water draining function helps evacuate water from loudspeaker.
- Instant access to Channel 16 and programmable favourite channel.
- USB charging (12 V and 220 V adapters included).
- Large backlit LCD display (35 x 25 mm).
- Large user-friendly backlit keys.
- Optional hand speaker/microphone : ref. 67575.
- Operating temperature : -20 to + 60 °C.



Weight : 183 g
(battery, antenna and belt clip included).

Supplied complete with integrated Li-ion battery,
12 V cigarette lighter/USB adapter,
220 V mains/USB adapter, USB cable,
hand lanyard and belt clip.

IPX7 protection rating :

- Protected* against water submersion at 1 m depth for 3 minutes.

* only if the cap of the external microphone socket is perfectly closed.
(IP : Ingress Protection)

Float and flash, with **sound alarm + flashlight when immersed.**

2 year Warranty

Waterproof & Buoyant

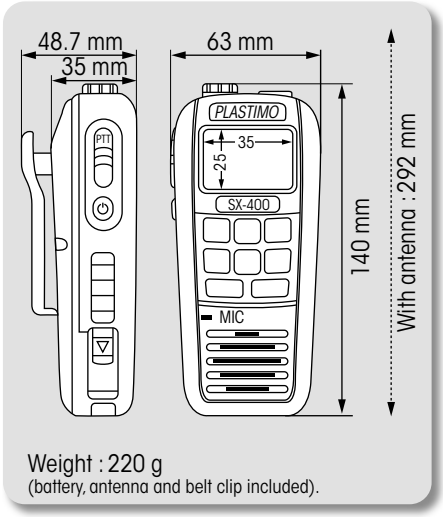
SX-400 handheld VHF

67440

Europe version, USA-Canada compatible.

- **5 W power** output. 156-163.425 MHz frequencies.
- 12-hour runtime (assuming 5 % transmit, 5 % receive, 90 % watch).
- 1750 mA Li-ion battery.
- Dual and triple watch.
- Weather function (10 channels, USA only).
- Automatic water draining function evacuates water from loudspeaker.
- Instant access to Channel 16 and programmable favourite channel.
- **ATIS mode for inland waters**.
- USB charging (12 V and 220 V adapters included).
- Large backlit LCD display (35 x 25 mm).
- Large user-friendly backlit keys.
- Optional hand speaker/microphone : ref. 67575.
- Operating temperature : -15° to +55 °C.

Water draining function : helps evacuate the water from the loudspeaker. **Turns ON automatically** when VHF is retrieved from the water.



Weight : 220 g
(battery, antenna and belt clip included).

Option

External speaker/ microphone : 67575

Suitable for both SX-350 and SX-400 models.

USB charging (12 V and 220 V adapters + cable included).

Supplied complete with integrated Li-ion battery, 12 V cigarette lighter/USB adapter, 220 V mains/USB adapter, USB cable, hand lanyard and belt clip.

With GPS and FM receiver

HX890E handheld VHF

67036 (European version)

6 W marine floating handheld VHF / built-in GPS & strobe light / DSC-ATIS.
The only VHF on the market which transmits a DSC distress call with your vessel's position and features a water activated SOS strobe light.
Includes battery and charger.

Oversized LCD (43.2 x 43.2 mm) and very intuitive operation with icon menu system.
Suitable for use at sea and in inland waterways.
DSC function. IPX8 submersible waterproof rating (1.50 m deep for 30 min).
High capacity Li-ion battery (1800 mAh).

Floating

- Integrated 66 channel GPS receiver.
- 1 W / 2W / 6 W transmit power options.
- 3 programmable soft keys below screen.
- DSC and ATIS functions.
- DSC distress call, individual or group call, position sharing and transmission.
- 2 scrambler systems built-in.
- FM broadcast radio receiver.
- Day and Night mode selected displays.
- Waypoint and Route navigation.
- Navigation data shown on display (lat/long, COG and SOG).
- Water activated SOS strobe light and MOB feature.
- Powered by 1800 mAh lithium-ion battery or battery pack (5 x AAA alkaline batteries).
- Recharges in 3 hours from the mains or from 12 V cigarette lighter socket.
- USB data port – NMEA output and data loading.
- Dimensions : 66 x 138 x 33 mm (L x H x D).
- Weight : 310 g.

Waterproof pouch

2340123

Translucent welded pouch. Fast opening and closing with snap buttons and triple zip to guarantee waterproofness (IPX8).
Dimensions : 135 x 410 mm.

Bamboo holder

- **Size M : 1997005**
  Dimensions :
  68 x 140 x 45 mm
- **Size L : 1997013**
  Dimensions :
  90 x 140 x 45 mm

Fixed VHF radios

PLASTIMO

2 year Warranty

IPX7 protection rating :
Waterproof front facia
(IP : Ingress Protection)

FX-500 fixed VHF, DSC - GPS

68756

(Europe version, USA-Canada compatible)

Compact and waterproof, the FX-500 is extremely user-friendly and straight forward in use.
Features **a wire-type GNSS antenna and a remote microphone**.

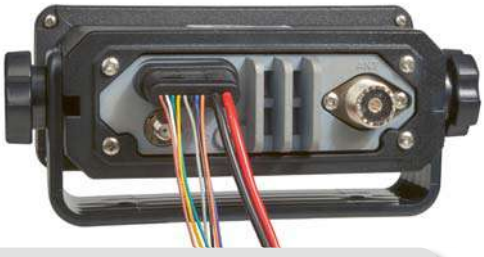
- 1 W / 25 W power output.
- GNSS antenna included : GPS & GLONASS.
- **DSC function,** class D.
- **ATIS mode** for European inland waters.
- Compact size : 156 x 66 x 99 mm (L x H x D).

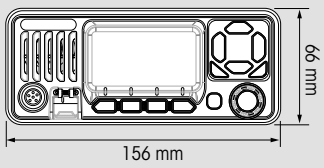
Remote microphone.

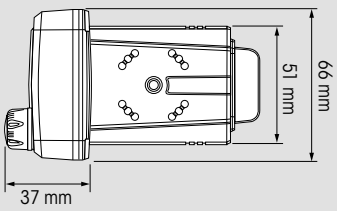
- 4 pre-programmed instant access keys on front facia.
- External loudspeaker output.
- Water draining function to evacuate water from the loudspeaker.
- 55 x 28 mm backlit display.
- GPS function with navigation data : time, LAT/LON, COG and SOG.
- SCAN function of pre-programmed favourite channels.
- Dual and triple watch.
- 3 channel groups : international, USA and Canada.
- Weather alert (USA only).
- Menu in English and French (user's manual in 8 languages).
- RED certified.
- NMEA 0183 compatible.

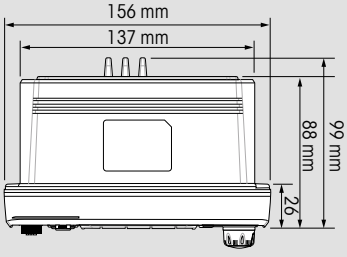
All fixed VHF radios must be equiped with a satellite position receiver.
Our FX-500 VHF features a GNSS receiver which processes the boat location from the GPS and GLONASS satellites.

FX-500 comes with wire-type GNSS antenna (GPS & GLONASS) including 5 m cable.
Antenna holds either on magnetic surface or with double-sided adhesive tape.









Weight : 721 g, VHF radio + microphone
(bracket, GPS antenna and wallmount kit not included).

IPX8 protection rating :

Waterproof front facia
(IP : Ingress Protection)

3 year Warranty

GX 1400 fixed VHF, DSC - GPS

67804
(Europe version)

- 25 W power output.
- Built-in 66 channel GPS antenna + socket for external antenna.
- Class D **DSC (Direct Selection Calling)** : can poll automatically the GPS position of up to 6 vessels using DSC.
- **ATIS mode** for European inland waters.
- 4-key microphone : channel 16, channel selection, H/L = 1/25 W.
- Compact size : 156 x 61 x 112 mm (L x H x D). Rear case : 72 mm.
- Large screen 55 x 31 mm.
- 3 pre-programmed instant access keys on front facia.
- Time and GPS position display.
- SCAN function of pre-programmed favourite channels.
- Dual and triple watch.
- Eliminates unwanted background noises for crystal clear transmission.
- English menu.
- RED certified.
- NMEA 0183 compatible.

Option

Flushmount kit : 66473
For GX 1400 VHF

GX 1800 fixed VHF, ASN - GPS

67805
(Europe version)

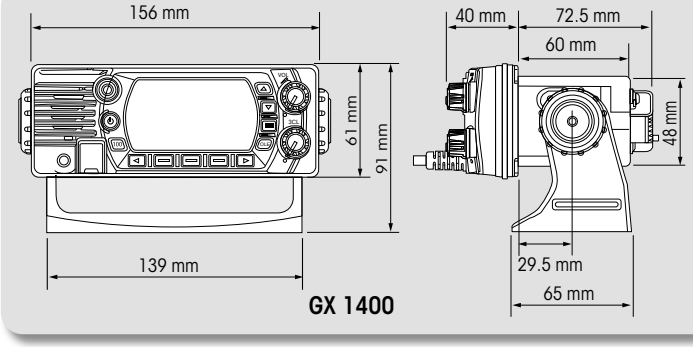
GX 1850 fixed VHF, ASN - GPS

67806
Same as GX 1800, with additional **NMEA 2000** compatibility.

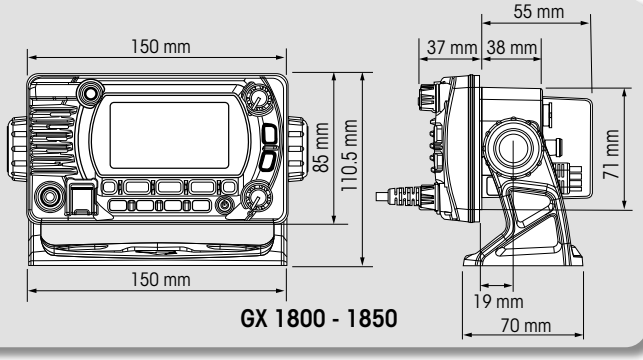
- 25 W power output.
- Built-in 66 channel GPS antenna + socket for external antenna.
- Class D **DSC (Direct Selection Calling)** : can poll automatically the GPS position of up to 6 vessels using DSC.
- **ATIS mode** for European inland waters.
- **MOB function.**
- 4-key microphone : channel 16, channel selection, H/L = 1/25 W.
- Compact size : 150 x 85 x 92 (L x H x D). Slim rear case : 55 mm.
- **Very large 66 x 36 mm screen with night mode.**
- 3 pre-programmed instant access keys on front facia.
- Time and GPS position display.
- Compass and GoTo waypoint display.
- SCAN function of pre-programmed favourite channels.
- Dual and triple watch.
- Eliminates unwanted background noises for crystal clear transmission.
- English menu.
- RED certified.
- GX 1800 : NMEA 0183 compatible.
  GX 1850 : NMEA 0183 and NMEA 2000 compatible.

Option

Flushmount kit : 67822
For GX 1800 & 1850 VHF



GX 1400



GX 1800 - 1850

STANDARD HORIZON

1h / ≥ 1m
IPX8

IPX8 protection rating :

Waterproof front facia
(IP : Ingress Protection)

3 year Warranty

GX 2400 Fixed VHF, DSC - GPS - AIS

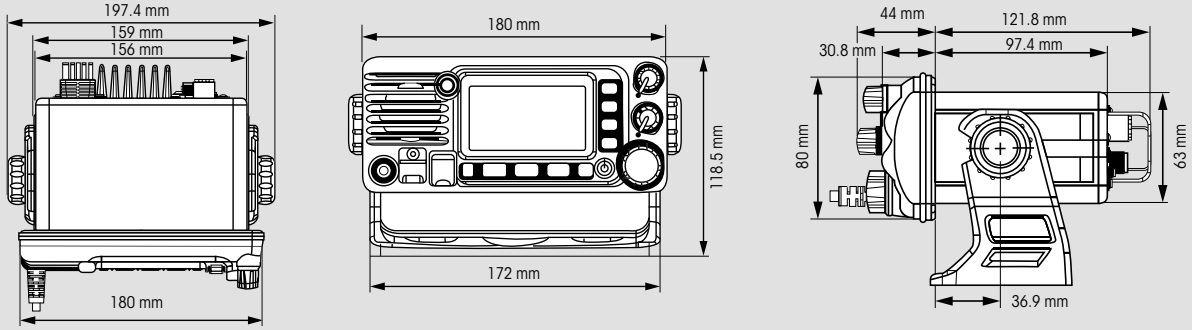
70217
(European version)

VHF with AIS receiver, GPS integrated antenna on the front of the device.
Maintain GPS reception even if flush mounted on a dashboard or console.

- 25 W power output.
- Built-in 66 channel GPS antenna + socket for external antenna.
- Class D **DSC (Digital Selective Calling)** : can poll. automatically the GPS position of up to 6 vessels using DSC.
- **ATIS mode** for European inland waters.
- **MOB function**.
- 4-key microphone : channel 16, channel selection, H/L = 1/25 W.
- Compact size : 180 x 80 x 166 (L x H x D). Slim rear case : 122 mm.
- Very large 66 x 36 mm screen with night mode.
- 3 pre-programmed instant access keys on front facia.
- Time and GPS position display.
- Compass and GoTo waypoint display.
- SCAN function of pre-programmed favourite channels.
- Dual and triple watch.
- Eliminates unwanted background noises for crystal clear transmission.
- English menu.
- RED certified.
- NMEA 0183 and NMEA 2000 compatible.

Option

Flushmount kit : 66473



Antennas

GLOMEASY VHF antennas

With the GLOMEASY range, select the antenna of your choice and the options you need according to your type of navigation for a 100 % customized installation.

Flexible and easy to install, the GLOMEASY range does not require soldering or special mounting.

GLOMEASY RA106SLSFME VHF antenna

67002

For sailing boats.

Supplied without option or accessories.

Options

- ***St steel support*** *(RA106BRACKINOX)* ***67004***

- ***L-shaped St. steel support*** *(RA160BRACKINOX-L)* ***67005***

Common features and options

Common features GLOMEASY

- Frequency range : 156/162 MHz
- Gain average : 3 dB
- Impedance : 50 ohms
- Polarization : Vertical
- SWR ≤ 1.3 at 156.8 MHz
- Max input power : 100 W
- Antenna lenght : 900 mm
- Antenna weight : 180 g
- Termination : FME

Common options for sailing boats & powerboats

- ***Nylon deck feed-through*** *(RA140)* ***474963***

- ***FME Female adaptor to female SO239*** *(RA351)* ***67006***

- ***Protective rubber for PL259*** *(RA138)* ***474961***

- ***FME male adaptor to male PL259*** *(RA352)* ***67007***

GLOMEASY RA106GRPFME VHF antenna

67003

For powerboats.

Supplied without option or accessories.

Option

- ***Deck support with waterproof cable*** *(RA135FME)* ***67008***

Cable with FME connectors for GLOMEASY

All Glomeasy coaxial cable ended with very small FEM connector and without weld.

Ref.	Designation	Length
67009	Cable RA350/3FME	3 m
67010	Cable RA350/6FME	6 m
67011	Cable RA350/12FME	12 m
67012	Cable RA350/25FME	25 m

Accessories

- ***RA357 : FME male connector / FME male*** ***67013***

- ***RA358 : 5/8" x 24 to 1" x 14 adaptor*** ***67014***

VHF antennas kits

Common features Aloud

- Frequency range : 156 - 162 Mhz
- Impedance : 50 Ω
- Polarization : vertical
- Length antenna : 90 cm
- Gain : 3dB
- SWR : ≤ 1.3 to 156.8 Mhz
- Max. input : 100 W
- Weight : 180 g

RA106 Aloud VHF antennas

Aloud RA106 series VHF antennas fit all types of boats. Thanks to their great flexibility, the stainless steel whips absorb physical shocks without canting. The fibreglass version has a shiny polyurethane coating which provides ultimate protection for the internal copper elements against corrosion.

	For boats	Type	Description	Ref.	Cable Length	Bracket included
A	Sailing boat	RA106grp-sb-25	Fiberglass	**46729**	25 m	Masthead st. steel RABRACKINOX **67004**
B	Motor boat	RA106grp-pb-6-135	Fiberglass	**46727**	4.50 m	Nylon dual articulation RA135 **46764**

Supplied with

- ***A waterproof and weldfree special** connector for easy and quick installation*
- ***A coaxial cable***
- ***An RA132 male connector 474958***
- ***A stainless steel holder 67004 or a RA135 dual articulation : 46764***
- ***A PVC sleeve gasket RA138PVC 474961***
- ***An RA140 nylon thread feed-thru 474963***
- ***An RA106ADAPT1X14 filetage 1"1/4 adaptor** (for motor boats only)*

Aloud RA109 series VHF antennas

Specifically designed for sailboats.
Available with stainless steel or fibreglass whip.
Compact and highly performant antennas.

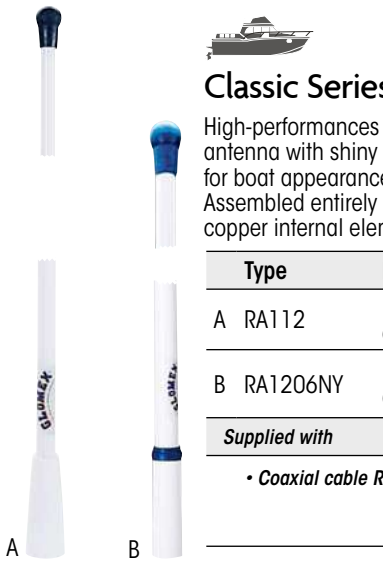
	Type	Description	Length	Ref.
A	RA109GRP	Fiberglass	90 cm	**46737**
B	RA109SLS	Stainless steel	90 cm	**46738**

Supplied with

- ***RA132 male connector 474958***
- ***Waterproof PVC** protection **474961***
- ***Stainless steel holder RA106BRACKINOX 67004***
- ***Nylon feed-thru thread RA140 474963***

Option

- ***RA152/10 M coaxial cable 474951***
  Ø 5 mm ; Impedance (Ohms) : 50 Ω.



Classic Series VHF antennas

High-performances antenna for motorboat. Fibreglass antenna with shiny UV-resistant polyurethane cover, for boat appearance and improved protection. Assembled entirely by hand, with heavy brass and copper internal elements, stainless steel or nylon base.

- Frequency range : 156-162 Mhz
- Impedance : 50 Ω
- Polarization : vertical
- SWR : ≤ 1.3 à 156.8 Mhz
- Maximum input : 100 W

Options

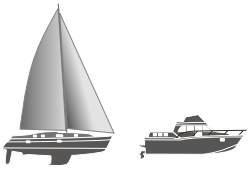
- ***RA135 dual articulation : 46764***
- ***RA107SS FME dual articulation : 474985***
- ***RA166/00 St. Steel dual articulation : 475005***

	Type	Designation	Gain	Embase	Ref.	Length	Cable length	Weight
A	RA112	Brass element polyurethane cover nylon ferrule	3 dB	Nylon	**474911**	1.50 m	4.50 m	450 g
B	RA1206NY	Dual-thickness whip antenna, brass component	6 dB	Nylon	**46807**	2.40 m	4.50 m	456 g

Supplied with

- ***Coaxial cable RG58C/U***
- ***RA132 connector 474958***

Special VHF antennas



RA121 low profile VHF antenna
479120

Compact and aesthetic antenna, designed for all types of boats.

Comes complete with :
- RA132 male connector (474958).
- RG58ALL 9-m coaxial cable (474951).
- Universal mount.

- Frequency range : 156 - 162 Mhz
- Impedance : 50 Ω
- Polarization : vertical
- SRW : ≤ 1.3 to 156.8 Mhz
- Maximum input : 50 W
- Gain : 1 dB
- Weight : 350 g
- Height : 21 cm.
  Diamètre : 10 cm.

Options

- ***St. steel TV antenna support*** *(V9123)*
  46789
  Ø 25.4 mm (1").

- ***St. steel deck support*** *(V9124)*
  46790
  Ø 25 mm. H. 150 mm.

RA114 emergency VHF antenna
46743

This spare emergency antenna will help you if your principal antenna gets broken or out of work. The orange color will help identifying your boat even in extreme weather conditions.
Comes complete with 9-m coaxial cable (474951), male connector (474958) and quick install kit.

- Cable length : 9 m.
- Gain : 3 dB.
- Max. power : 50 W.
- Weight : 900 g.
- Length : 0.35 m.

RA111 Regatta VHF antenna
46740

The Regatta antenna is a very short antenna which has to be positioned on the mast head. It is highly efficient without handicaping the boat performance.
Comes complete with 18-m coaxial cable (474951) and PL259 male connector (474958).

- Cable length : 9 m.
- Gain : 3 dB.
- Max. power : 50 W.
- Weight : 220 g.
- Length : 0.14 m.

Radio antennas

RA128 RA1281

AM-FM radio antennas

- Frequency range :
  AM (550-1600 Mhz) -
  FM (88-108 Mhz).
- Impedance : 93 Ω.

Type	Description	Ref.	Length	Supplied with
RA128	Whip version antenna - nylon base	**46755**	1.50 m	6-m coaxial cable and Motorola socket
RA1281	Rigid unbreakable synthetic rubber antenna	**46757**	0.30 m	3-m coaxial cable and Motorola socket

Options

- ***Antenna splitter RA201 478147***

- ***Extension cable : 474953.*** *3.60 m. Male-female socket.*

For RA128 model :
- ***RA135 dual articulation : 46764***

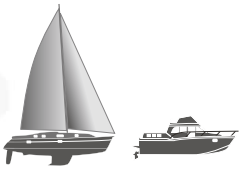
For RA128 model :
- ***RA166/00 dual articulation : 475005***

TV/FM antennas

A

B

Supplied with : automatic amplifier 50023/14, 20 m coaxial cable, 1.5 m TV cable et 2 gold plated connectors.



Omnidirectionnal TV + radio DAB antennas

A - **Talitha AGC V9125AGCU : 66931**
B - **Nashira AGC V9112AGCU : 66999**

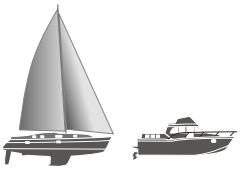
Omnidirectionnal TV antennas with automatic amplifier to guarantee the best reception all the time.

- Impedance : 75 Ohms
- Frequency range : 40-890 MHz
- Angle of reception : 360°
- Polarization : horizontal

	TALITHA AGC	NASHIRA AGC
Antenna Ø	250 mm	370 mm
Height	151 mm	240 mm
Base Ø	25 mm	25 mm
Antenna weight	405 g	975 g
Gain	23 dB	24 dB
Noise factor	2.2 dB	2.2 dB
Power consumption	180 mA	180 mA
Power supply (Volt DC)	12/24	12/24
TV set max.	2	2
Automatic gain	✔	✔

Omnidirectional TV / FM radio antennas

Avior VT300 : 61677



Omnidirectional TV antenna ultra compact and made in ASA which ensures long life in the marine environnement. Supplied with an amplifier they have a perfect analog and digital reception on VHF and UHF frequency.

Supplied with : V911 API-FM separator 61045, V9139/10 10 m cable, V9143 1.5 m cable and universal mount.

- Impedance : 75 Ohms.
- Frequency range : 40-890 MHz.
- Angle of reception : 360°.
- Noise factor : 1.7 dB.
- Gain : 24.5 dB.
- Power consumption : 20 mA.
- Power supply : 12 Vdc.
- Dimensions : Ø 100 x H 210 mm.
- Antenna weight : 250 g.
- TV set max. : 1.

Options

	Ref.	Description	TALITHA AGC	NASHIRA AGC	AVIOR VT300
	57480	***St. steel TV mast support*** *(V9173TV) Ø 25 mm. No threading.*	-	✔	-
	46789	***TV st. steel support TV*** *(V9123) Ø 25.4 mm (1").*	✔	-	✔
	46790	***Universal st. steel deck support*** *(V9124) Ø 25 mm, H. 150 mm.*	✔	-	✔
	67166	***Steel support*** *(V9172).*	-	✔	-
	474953	***Extension cable for AM/FM antenna*** *(V9148) 3.60 m. Male/ female connector.*	✔	✔	✔
	474975	***Gold plated female connector*** *for RG59/U and RG6/U.*	-	-	-

Options and accessories for antennas

Connectors

Type	Description	Ref.	
RA132 GOLD	PL259 male connector for RG58C/U coaxial cable. Gold plated.	**474959**	
V9144	Gold plated female connector for RG59/U and RG6/U.	**474975**	
RA133	Dual female/female PL258 link for PL259.	**474960**	
RA163	Female F/F Connector. Gold plated.	**474969**	
RA132	Male connector for coaxial RG58C/U cable.	**474958**	

Coaxial cables

Coaxial cables transmit signals to and from the antenna. Poor quality cables will dramatically reduce the efficiency of both antenna and transceivers.
Glomex cables are specifically designed and manufactured for use in marine environment. All Glomex cables have been developed in cooperation with coaxial cables specialists to ensure minimal signal distortion or loss and long-term reliability.

Type	Description	For	Exterior dimensions	Impedance	Ref.	
RG58ALL	RA152/10 m coaxial cable	VHF	Ø 5 mm	50 Ω	**474951**	

Splitter

Type	Description	Ref.	
RA201	VHF/AM-FM/AIS antenna splitter	**478147**	

World band receiver

ATS 909-X2 world band receiver

70218

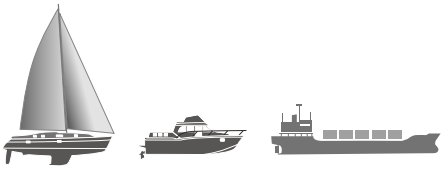
SANGEAN

Fully featured compact and ergonomic world band receiver with navigation and channels setting rotary control. Large LCD display with bright white LED backlight. Accurate tuning possibilities.

- Coverage : FM/AM/MW/SW frequencies. FM : telescopic antenna ; MW/LW : built-in ferrite antenna ; SW : winding wire antenna.
- FM frequencies range : 76-108 MHz.
- FM-RDS system with alphanumeric 8-digit channel display.
- Up to 406 presets.
- Tuning methods : direct keypad entry, manual rotary tuning, ATS-Auto scan, auto/manual.
- Favourite channel priority preset.
- 3 alarms : radio, Snooze or HWS (Humane Wake System) buzzer.
- Settings safety lock (for travelling).
- Display dimensions : 3.3" x 1.9" (8.40 x 4.80 cm).
- Connection : Jack stereo output for earphones. Auxiliary input. External antenna socket. Inlet for 220 V power unit. Line output (for tape recorder or external amplifier).
- Power : 220 V adapter (supplied). 4 AA 1.5 V batteries (not supplied).
- Smart battery chargeur, able to detect faulty batteries.
- Dimensions (L x H x D) : 200 x 130 x 30 mm.
- Weight (without batteries) : 735 g.
- Supplied with : carrying pouch, power adapter, headphones and winding wire antenna (6 m).

Supplied with headphones and shortwaves antenna

4G/WiFi antennas



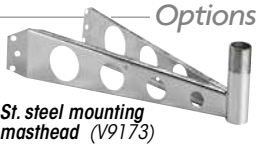
4G/WiFi HSPA + coastal Internet antennas up to 15 or 20 miles that allow to have a high-speed internet connection by WiFi or Ethernet on your boat.
Easy to install : insert one or two SIM cards (not included), download the Androïd or IOS Glomex app and get a 4G signal or WiFi connection, providing Internet for each Web device you have on board : laptop, tablet, smartphone.
Ideal to head back to port safely in all seasons and situations.

Webboat Lite EVO antenna

69038

2 x 4G + 1 WiFi Internet antenna, up to 15 NM reach.
- Single mini SIM card.
- 2 Ethernet ports.
- Antenna dimensions : 140 x 200 mm (Ø x H).
- Weight : 0.9 kg

Options for sailing boats



- ***St. steel mounting masthead*** *(V9173)*
  46797
  Standard 1 ¼" threading, weight 330 g.

- ***Universal st. steel mounting for antennas and extensions*** *(V9176)*
  46801
  Standard threading 1 ¼". Weight 280 g. Height 100 mm.

Options for powerboats

- ***Universal nylon-reinforced support*** *(V91750T)*
  475016
  Standard 1 ¼" . Weight 27 g. Height 40 mm.

- ***Universal st. steel support*** *(V9177)*
  66930
  Standard 1 ¼" . Weight 150 g. Height 40 mm

Common features

Features common to Webboat Lite EVO and Webboat Plus EVO :
- Androïd or IOS app.
- 4G/WiFi automatic switch.
- 9/30 Vdc power supply.

Cable not included.

Webboat Plus EVO antenna

69039

4 x 4G + 2 x WiFi Internet antenna, up to 20 NM reach.
- 4G (LTE) up to 150 Mbps in download mode, 50 Mbps in upload mode.
- Dual micro SIM card.
- 4 Ethernet ports.
- Antenna dimensions : 250 x 300 (Ø x H).
- Weight : 1.2 kg

Options for sailing boats

- ***St. steel mast support*** *(V9173TV)*
  57480
  Ø 25 mm. No threading.

Options for powerboats

- ***Universal st. steel deck support*** *(V9124)*
  46790
  Ø 25 mm. H. 150 mm.

- ***Flat adjustable deck support, nylon*** *(ITM001)*
  66928

Satellite TV antennas

Glomex satellite TV Antennas provide second-generation DVB-S2 : "Digital video Broadcasting". This technology offers a perfect quality satellite signal to receive **broadcast TV channels in FULL HD and 4K**. They are equipped with an ultra-fast satellite locking system even in extremely rough sea conditions thanks to completely renewed electronics and mechanics : more powerful processor, faster pilot and more robust structure.

Download the Androïd or iOS application to update the antenna and manage the list of satellites.

Common features
to Rhea NEO and Saturn 4 DCSS NEO antennas :

- Power supply 12/24 Vdc.
- Consumption 1.5 Ah.
- Dimensions : parabolic dish Ø 470 mm (18"), antenna 500 x 560 mm (Ø x H)
- Weight : 13 kg.

Complete set includes : 1 control unit, 10 m cable, 1.50 m TV cable and a thick synthetic rubber seal.

Rhea NEO antenna

69040

High quality gyro-stabilised satellite TV antenna.
Thanks to a GPS system, it stores previous navigation positions and guarantees exceptional signal reception.
1 output.

Option

Mounting bracket V9500 : 66934
Common to Rhéa NEO and Saturn 4 DCSS NEO

Saturn 4 DCSS NEO antenna

69041

Allows you to connect up to 16 TV sets simultaneously.
DCSS/SCR technology has been specially developed to be used with the dCSS receivers, for example the Sky Q receivers, and to take advantage of all their features (such as recording a program while watching another channel).

Easy and quick installation with a single cable running from antenna down to multiple output devices.

1 single cable feeds 1 up to 16 outputs.

PLASTIMO
happy boating to you!

Life on Board

Baptiste Legatin ©

Sound & USB

Radio FM DAB + Bluetooth

68753

Radio designed to be specifically used in the marine environment, waterproof IP66. Integrated Bluetooth to connect your smartphone. Enables radio reception, FM and DAB + (Digital audio Broadcasting)

- Radio FM & DAB +
- Inputs :
- BLUETOOTH range 8 m.
- USB (MP3 or WMA reader, USB Key).
- RCA AUX IN.
- Outputs :
  - RCA OUT.
  - 4 speakers x 25 W RMS.
- LCD backlit display 2,5".
- Programmable memory 30 stations.
- DC 12V.
- Overall diameter : 112 mm.
- Drilling diameter : 89 mm.
- Recessed depth : 70 mm.

Included :
- ISO connector.
- Adjustable flush mount kit.
- Fuse and fuse holder.

Pack Radio + speakers + antenna + USB/Jack plug

70612

- RFM DAB + Bluetooth Radio.
- Pair of 120 W. white speakers, waterproof IP66, overall diameter 180 mm, drilling diameter : 127 mm.
- Antenna.
- Recessed mount USB/Jack plug.

80 W speakers

64275

- IPX6
- White plastic, UV resistant construction.
- Nominal impedance : 4 Ohm.
- Overall Ø : 180 mm
- Drilling Ø : 145 mm

IPX6

Bluetooth speakers

70610 : White
70611 : Black

Bluetooth speakers, waterproof IP66, to connect directly your smartphone and enjoy all your audio files.

- Bluetooth range 8 m.
- UV treated plastic.
- 80 W RMS, integrated amp.
- Impedance 4 Ohms.
- DC 12 V.
- Overall diameter : 180 mm.
- Drilling diameter : 132 mm.
- Recessed depth : 90 mm.

IP66

Universal USB/MP3 cable

61899

Output for MP3 player or external audio device.
Audio jack (RCA). 3 m cable.
UV resistant.

USB socket black 5A

With light : 66301
Without light : 66300

5 amps per connector.
5V output voltage.
Input power voltage from 8V to 29V.
IP65 with the cover.

SCANSTRUT
INSTALLATION SOLUTIONS FOR MARINE ELECTRONICS™

IPX4 waterproof
with cover closed.

USB waterproof charger

65324

Waterproof on board charge socket, dual USB.
Dual socket will connect and charge devices including phones, tablets, chart plotters,…
Easy flush mount in the dashboard, direct connection to the board 12V circuit.
Ergonomic, easy to open and close, even with gloves on.
Dimensions : 80 x 56 x 55 mm (L x W x H), cut-out Ø 29 mm.

- **IPX4 waterproof with cover closed.**
- UV resistant.
- Internal anti-corrosion protected.
- 316 stainless steel hinge and spring.
- Input voltage : 6V-30V DC.
- Output voltage : 5V.

Lightning
to USB 64577

USB cable

64577

Charge/Sync. cable, 100% waterproof.
Tough plugs & robust connectors.
2 m (6.5 ft) long.
Approved by Apple for use with iPad, iPhone & iPod.

Waterproof double USB plug low profile

66302

Input voltage : 12-24 VDC
Output current : 5V +/- 5%
Output current : 4,2A shared on the two connectors.
IPX6

Refrigerators

DOMETIC

Built-in refrigerators

CoolMatic CRX refrigerators

- Unsurpassed refrigeration performance : tropical-rated refrigerators equipped with a fully hermetic compressor. Ideal temperature regulation for refrigeration and deep-freezing.
- 12/24 V power supply, also suitable for solar operation.
- Functional storage inside, identical to a domestic fridge : bottle holders, trays and drawers, interior light…

In addition to the Waeco performance level and excellent workmanship, the CoolMatic CRX models feature some extra technical benefits :

Removable freezer compartment (patented)

3 different operational modes with or without the freezer compartment (except CRX 110) :
- Cooling and freezing ***(photo A)***
- Cooling throughout ***(photo B)***
- Freezing throughout, -6°C minimum.

A

B

CRX 50 model, with and without the removable freezer compartment.

- Refrigerator with removable 3-star freezer compartment.
- Door : matt-silver or stainless steel.
- Cooling temperature +3° to +12°C
  Freezing temperature -5° to -15°C.
- Condensation drainage
- Patented door lock with dual function : locking / ventilation.
- All models in 12/24 V, also suitable for solar operation.

EXCLUSIVE :
Removable freezer compartment.
Optimise the volume to suit your needs instantly : dual cooling-freezing volume, or full volume dedicated to cooling only or to freezing only.

Electronic monitoring controls compressor speed to reduce consumption and noise.

Temperature controlled condensor fan :
- Condensor fan speeds up if temperature exceeds 38 °C.
- Noise is reduced when temperature drops below 38 °C.

Flushmount **electronic thermostat control panel** and LED illumination.

CoolMatic CRX

	Model	Volume Refrigeration + Freezing		Matt-silver door*	St. steel door**	Consumption	Dimensions W x H x D	Weight
A	**CRX 50 – 45 L**	41,2 L + 4,4 L	Removable Freezing Compartment	**476938**	**64593**	40 W	380 x 534 x 500 mm	17 kg
B	**CRX 65 – 57 L**	50 L + 7 L		**476939**	**64594**	45 W	448 x 525 x 545 mm	19 kg
C	**CRX 80 – 78 L**	70,6 L + 7,5 L		**476940**	**64595**	48 W	475 x 640 x 528 mm	21 kg
D	**CRX 110 – 108 L**	97,8 L + 10,2 L	-	**476941**	**64596**	50 W	520 x 745 x 558 mm	28 kg

Useful volume. *Brushed steel aspect. **316AISI st. steel

Accessory

Main adaptor MPS 35 : 64597*. For connection of 12/24 V cooling appliances to 110-240 V mains systems.*

Option

Standard frame *: secures the refrigerator in place and contributes to a neat assembly.*

Model	*Frame for matt-silver door*	*Frame for 316 AISI door*
CRX 50	***476942***	***64598***
CRX 65	***476943***	***64599***
CRX 80	***476944***	***64600***
CRX 110	***476945***	***64601***
CRP 40	***476942***	***-***

CoolMatic CRP 40 refrigerator

477422

Ideal in smaller boats : spacious inside with limited footprint.

An elegant statement in the galley of smaller boats. Compact and functional : spacious cooling capacity including freezer.

- Premium built-in refrigerator with matt-silver door panel (brushed steel aspect).
- Storage volume 39 L, including 5.3 L freezer.
- Power supply : 12/24 V, also suitable for solar operation.
- Power consumption : 45 W
- Dimensions : 380 x 356 x 545 mm (W x H x D).
- Weight : 18 kg

Accessory

Main adaptor MPS 35 : 64597*. For connection of 12/24 V cooling appliances to 110-240 V mains systems.*

Option

Standard frame : 476942

Ideal in reduced volume areas : cooling unit can be fitted separately.

If space is restricted, the refrigeration unit can be mounted beside the drawer at a max. distance of 1.50 m.

30 L refrigerating drawer

- **Black : 475653**
- **White : 477439**

The answer to your space problems : the refrigerating drawer fits into small spaces (in the galley, under a cockpit bench…). Can be installed in an outside locker : very convenient on the flybridge as extra refrigerator.

- Useful volume : 30 L.
- 12/24 V power supply
- Consumption : 0.67 Ah/h at 20°.
- Temperature range : -2° to +12°C.
- Dimensions, refrigeration unit included : 440 x 250 x 730 mm (W x H x D). Without refrigeration unit : 440 x 250 x 560 mm.
- Weight : 18 kg

Mains adaptors

For connection of 12/24 V cooling appliances to 110-240 V mains systems.

Model		Ref.	Output power	Voltage	Dimensions W x H x D	Weight
MPS 35	A	**64597**	75 W	Input 110-240 V / Output 25 V	115 x 55 x 160 mm	0.75 kg
MPS 50	B	**180281**	150 W	Input 110-240 V / Output 27 V	120 x 70 x 200 mm	1 kg

Cooling units

Where standard units don't fit, tailor-made fridge space must be provided. ColdMachine cooling units cater to all applications and keep extra space ice-cold.

A cooling unit is composed of a compressor, a condensor and an evaporator.

You can either compose your own cooling unit and select each element (see opposite). Or you may want to make it simple and rely on Waeco's experience who created 2 package solutions to cope with all configurations.

ColdMachine packages

For small capacities and use in cool waters.

478105 package : CU-55 cooling unit and L-shaped evaporator

64602 package : CU-55 cooling unit and O-shaped evaporator

Model	CU-55 cooling unit + L-shaped evaporator	CU-55 cooling unit + O-shaped evaporator
Reference	**478105**	**64602**
Use	For installation* in coolers **up to 100 Litres**	For installation* in coolers **up to 130 Litres**
Cooling unit	12/24 V. Fully hermetic compressor with control electronics, dynamically ventilated wire barrel condenser, self-sealing valve couplings. Dimensions 220 x 160 x 220 mm (W x H x D). Weight 6.5 kg. Suitable for floor mounting : supplied with stainless steel mounting plate.	
Evaporator	**VD-01 : L-shaped evaporator, 100 L. max.** Power consumption 35 W. Horizontal or vertical installation. Supplied with adjustable thermostat and bespoke couplings, hose and wire.	**VD-07 : O-shaped evaporator, 130 L. max.** Power consumption35 W. Horizontal or vertical installation. Supplied with adjustable thermostat and bespoke couplings, hose and wire.
	*with 50 mm PU insulation	*with 50 mm PU insulation

ColdMachine cooling units

- Power regulated compressor, fully hermetic, with control electronics and low-voltage protection
- Dynamic cooled condenser
- Stainless steel mounting plate
- Self-sealing couplings & copper tube
- Fully efficient even when heeling seriously

Every evaporator comes with an **adjustable thermostat** with LED indicator which can be mounted outside the cooling unit.

ColdMachine Series 50

Standard range : capacity up to 130 L. For use in COOL WATERS.

	Cooling units		Compatible evaporators		
Model	**CU-54 12/24V**	**CU-55 12/24V**	**Series 50 VD-01 L-shaped** Horiz. or vert. installation	**Series 50 VD-02 with plates** Horiz. or vert. installation	**Series 50 VD-07, O-shaped** Horiz. or vert. installation
Ref.	**180238**	**180239**	**180312**	**180313**	**180318**
Cooling Capacity*	100-130 L	100-130 L	Max. 100 L	Max. 50 L	Max. 130 L
Consumption*	-	-	1.17 Ah/h	1.02 Ah/h	1.17 Ah/h
Power input (depends on evaporator	35-40 W	35-40 W	35 W	35 W	35 W
Dimensions - mm (W x H x D)	386 x 165 x 130	220 x 160 x 220	300 x 270 x 110	275 x 240 x 25	255 x 210 x 90
Weight	6 kg	6.5 kg	1.5 kg	1 kg	1.5 kg

* Depends on evaporator type, with 50 mm PU insulation.

ColdMachine Series 80

Professional range : capacity up to 250 L. For use in WARMER WATERS.

+ FREEZING

	Cooling units		Compatible evaporators		
Model	**CU-84 12/24V**	**CU-85 12/24V**	**Series 80 VD-04, L-shaped**	**Series 80 VD-05 with plates**	**Series 80 VD-09, O-shaped** Horiz. or vert. installation
Reference	**180240**	**180241**	**180315**	**180316**	**180320**
Cooling capacity*	Max. 250 L	Max. 250 L	Max. 170 L	Max. 170 L	Max. 180 L
Freezing capacity*	Max. 70 L	Max. 70 L	-	-	-
Consumption*	-	-	1.50 Ah/h	1.50 Ah/h	1.75 Ah/h
Power input (depends on evaporator)	45-60 W	45-60 W	45 W	45 W	60 W
Dimensions - mm (W x H x D)	386 x 160 x 130	220 x 160 x 220	375 x 285 x 120	375 x 350 x 25	365 x 141 x 270
Weight	6 kg	6 kg	1.5 kg	1.5 kg	2 kg

* Depends on evaporator type, with 50 mm PU insulation.

Coolers

Choosing the cooler best adapted to your needs depends on how and where you plan to use your equipment.

- Compressor coolers can be used for cooling and freezing.
- Thermoelectric coolers handle refrigeration and warming or keeping food warm.

Compressor coolers

Excellent cooling and freezing performance, even at the highest outdoor temperatures.
Compressor coolers can be used for **refrigerating and freezing**.
Power supply : 12/24 V DC / 100-240 V AC (suitable for solar operation).

CoolFreeze CFX3

- EcoFrame conception : elegance and sturdiness.
- +20° cooling, -22° freezing.
- LCD TFT screen with IP64 protection.
- User-friendly interface (setting the temperature, screen light, alarms...).
- Control and monitor the temperature thanks to the CFX3 application.
- Active Gasket technology offers superior sealing and reduced energy consumption.
- LED interior lighting.
- USB charging port (5 V/2 A).
- Easy to carry thanks to the 2 strong aluminium handles (removable).
- Drain plug for quick and easy maintenance.

CFX3 free application
Control and monitor the temperature of the cooler remotely, from your smartphone* via WIFI or bluetooth.
Connected functions :
- Temperature display, settings, alerts...
- History of temperature and power consumption.

Application available on App Store or Google Play Store.

** subject to compatibility.*

CFX3 35

CFX3 45

CFX3 55 & CFX3 55IM

CFX3 75DZ

CFX3 75DZ Double zone : 2 compartments /2 independent temperatures.

Model CoolFreeze	CFX3 35	CFX3 45	CFX3 55	CFX3 55IM	CFX3 75DZ
Ref. Plastimo	**70210**	**70211**	**70212**	**70213**	**70214**
Volume	36 L	46 L	55 L	53 L	75 L (45/30 L)
Consumption	50 W	52 W	50 W	52 W	59 W
Energy class		C A to G			D A to G
Climatic class	N-T (ambient temperature : +16° C to +43° C)				
Noise level	44 dB(A)	47 dB(A)	47 dB(A)	48 dB(A)	50 dB(A)
Max useful height	322 mm	391 mm*	374 mm*	374 mm*	355 mm*
Storage	1 basket	1 large basket with removable divider + 1 small basket.	1 large basket with removable divider + 1 small basket.	1 large basket with removable divider + ice cube tray.	26 L compartment : 2 baskets. 39 L compartment : 1 large basket with removable divider
External dimensions H x l x L (mm)	407 x 398 x 694 (630 without carrying handle)	476 x 398 x 694 (630 without carrying handle)	480 x 455 x 720 (660 without carrying handle)	480 x 455 x 720 (660 without carrying handle)	472 x 495 x 892 (832 without carrying handle)
Weight	16.9 kg	18.7 kg	20.4 kg	21.3 kg	27.8 kg

*Vertical space for standing 2 L. bottles.

- VMSO3 variable speed compressor : High performance cooling with high energy efficiency.
- Electronic thermostat.
- Dynamic battery protection with 3 levels (avoids discharge, allows use of dual batteries).
- Protection level can be set according to the type of battery used (starting or power supply).
- Under voltage protection.
- Electronic circuit breaker.
- Low voltage and automatic reverse pole protection.
- Power supply : 12/24 V DC / 100-240 V AC.

CFX3 55IM Ice function : ice production in a few hours in dedicated holders.

Lid with bilateral opening

CFF 35 CFF 45

CoolFreeze CFF

- Adjustable brightness LED display with temperature display.
- 2 reinforced fiberglass side handles (removable).
- Energy efficient design with reinforced PU insulation insulation.
- Refrigeration +20°, freezing -18°.

Model	CoolFreeze CFF 35	CoolFreeze CFF 45
Ref.	**70208**	**70209**
Storage volume	34 L	44 L*
Energy class	D	C
Climatic class	N-T (ambient temperature : +16° C to +43° C)	
Noise level	45 dB(A)	47 dB(A)
Max useful height	313 mm	380 mm
Ext dimensions H x l x L (mm)	407 x 398 x 715 (590 without carrying handle)	475 x 398 x 715 (590 without carrying handle)
Weight	17.2 kg	18.6 kg

*Vertical space for standing 1.5 L.

Efficient interior storage. Basket with removable divider.

- Electronic thermostat.
- Multiple voltage power supply with automatic priority connection to the mains.
- Hermetic compressor with integrated electronic control.
- Electronic circuit breaker. Automatic reverse polarity protection.
- Power supply: 12/24 V DC / 100-240 V AC
- Consumption: 53 W.

Thermoelectric coolers

Lightweight and easy to transport, TropiCool and CoolFun coolers deliver an **excellent cooling capacity** (up to 27° C below ambient temperature). They can also take care **of keeping food warm** with heating function supplying temperature up to +65° C.

TCX 21

TCX 35

TropiCool TCX

- Versatility and performance.
- Intelligent power-save circuit and individually adjustable temperature shown on a LED display.
- Works with 12/24 V DC and 230 V AC.

Model	Tropicool TCX 21	Tropicool TCX 35
Ref.	**65309**	**65310**
Storage volume	21 L*	33 L*
Consumption	46 W on 12 V - 50 W on 24 V - 64 W on 230 V	
Energy class	E	F
Climatic class	N (ambient temperature : +16 °C to +32 °)	
Noise level	41 dB (A)	
Max useful height	352 mm	350 mm
Ext dimensions H x l x L (mm)	450 x 420 x 303	550 x 466 x 376
Weight	7.3 kg	10.6 kg

*Vertical space for standing 2 L.

Marine coolers

IGLOO®

Range of ice chests designed for marine use and fishing.
Ultratherm foam insulation in the body and lid provides outstanding cold retention and extra strength of the ice chest.
The outer wall is made from UV-resistant polypropylene with stainless steel metallic parts.
All models feature swing-up handles and a ring for fixing straps.

UV RESISTANT

Before sailing, we recommend that you put a layer of ice inside your ice chest, to increase even further its cold retention capability.

Drain-plug for easy emptying.

Fish-keeper scale to measure the catch.

Swing-up handle and ring.

Classic coolers

Swing-up handle and ring for fixing straps.
Fish-keeper scale on the lid to measure the catch (except model 51683).

Ref.	Designation	Volume	Exterior dimensions	Weight	handle	Drain-plug	Locking system	*Seat cushion*
13303	Marine Contour 25	23 L	516 x 267 x 331 mm	2.5 kg	Standard	-	-	-
51683	Marine Ultra 36	34 L	620 x 340 x 330 mm	3 kg	Confort	-	-	-
30845	Marine Ultra 48	45 L	662 x 371 x 368 mm	3.5 kg	Confort	✔	-	-
13304	Marine Ultra 54	51 L	670 x 394 x 394 mm	4 kg	Confort	✔	Latch	-
11782	Marine Ultra 72	68 L	764 x 419 x 410 mm	5 kg	Confort	✔	Latch	***13308***
13305	Marine Ultra 94	89 L	889 x 425 x 448 mm	7.5 kg	Confort	✔	Latch	***13668***

Accessories & Spares

*• Tie-down kit : **13306***

*• Closing : **31661** Stainless steel hinge and reinforced plastic lever. Compatible with Igloo® Marine Ultra 50 to 165 (47 to 156 L) coolers.*

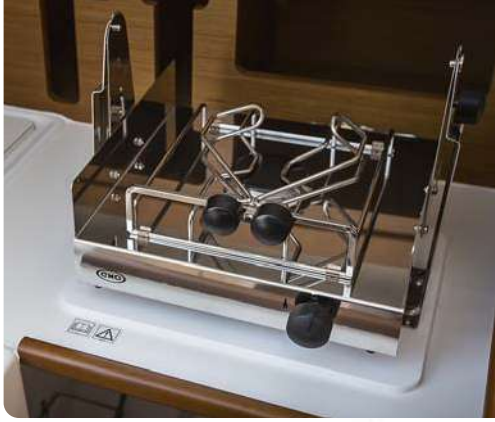
*• Stainless steel hinges (x2, with screws) : **67351***

*• Handles (x2, with screws) : **31662** Compatible with Igloo® 25 to 72 (23 to 68 L) coolers.*

*• Cushions with anti-UV and anti-mould treatment. Fireproof. Marine Ultra 72 : **13308** Marine Ultra 94 : **13668***

Cooking

Range of cooking appliances designed for boating.
From the 1-burner stove to the 3-burner cooker with oven and grill, all ENO models combine performance, quality and functionality.
Cook your favourite dishes on board just like at home !



Xtrem stainless steel stove

Compact and lightweight, these stoves are perfect for day trips or competition.
Installed on a worktop or mounted on a gimbal, they allow to cook with the same level of performance and safety as on a stovetop.

- Gas safety device by thermocouple.
- Pan holders included.
- Material : 304 L stainless steel.
- Energy: Butan / Propan (28-30 mbar).
- Connection : G ¼ M.

A

With gimble kit

Option

- ***Gimble kit : 472622***

B

	Model	Ref.	Burners power	Consumption	Included accessories	Dimensions (L x Depth x H)	Weight
A	**Xtrem 1** – 1 burner	**473647**	2 kW	145 g/h	Flame frame	290 x 352 x 121 mm	2 kg
B	**Xtrem 2** – 2 burners	**410562**	1.75 kW - 2.5 kW	309 g/h	Gimble	511 x 335 x 246 mm	3 kg

Burner built-in hob

Compact, stackable plates for small spaces.
They are particularly suitable for motorboats and catamarans.

- Gas safety by thermocouple.
- Material : 304 L stainless steel.
- Pan holders in option.
- Energy : Butan / Propan (28-30 mbar).
- Connection : G ¼ M.

A

B

Options

- ***411183*** *Pan holder for Master 2*
- ***416239*** *Pan holder for Master 3*

	Model	Ref.	Burners power	Consumption	Dimensions (L x Depth x H)	Weight
A	**Master 2** – 2 burners	**411182**	1.75 kW - 2.5 kW	309 g/h	472 x 342 x 77 mm 450 x 325 x 40 mm*	2.9 kg
B	**Master 3** – 3 burners	**416230**	1 kW - 1.75 kW - 2.5 kW	382 g/h	468 x 388 x 77 mm 450 x 370 x 40 mm*	3.8 kg

* built-in dimensions

Gourmet built-in oven

479079

Compact oven with all stainless steel interior, front and handle. With the Gourmet, cooking at sea becomes a real pleasure.

- Electronic.
- Gas safety by thermocouple.
- Door lock.
- Thermostat.
- Stainless steel interior, easy to clean.
- Energy : Butan / Propan (28-30 mbar).
- Connection : G ¼ M.

- Volume : 24 L
- Burner power : 1.75 kW
- Consumption : 127 g/h
- Dimensions (L x Depth x H) : 550 x 490 x 430 mm
  Built-in 520 x 470 x 420 mm
- Weight : 20.5 kg

In order to ensure the boat's safety, gas appliances must be installed with the utmost care by a qualified gas fitter, and following the official local rules in force, with particuliar attention to :

- The stove must be installed in a well ventilated place.
- The gas bottle must be stowed outside the boat's accomodation area, in a gas-tight compartment with a draiange hole at the bottom.
- Connect the cooker to the gas bottle through a rigid pipe (copper or stainless steel).
  It is acceptable to have 1 meter maximum of flexible tubing at both ends of the complete pipe (check regularly and change as often as necessary).
- Provide a fixed On/Off tap on the rigid pipe close to the stove.

Cookers

Gas cookers designed for boating.
They are equipped with all safety features required for sailing: mounting kit on a gimble, pan holders, flame frame, door lock.

A

B

Grand Large Cooker

The famous « Grand Large » cooker has been THE boating reference for over 20 years.
This all stainless steel model is equipped with all essential elements to cook safely.

Electronic ignition

Common features

- Thermocouple gas safety.
- Cooktop with flame frame and pan holder.
- Gimble assembly.
- Door lock.
- Energy : Butan / Propan (28-30 mbar).
- G ¼ M connection.

	Model	Ref.	Functions	Burners power	Cons.	Dimensions (L x H x Depth)	Weight
-	**Grand Large 2**	**410563**	2 burners 24 L oven	1.75 kW - 2.5 Kw 1.8 kW oven	440 g/h	515 x 432 x 470 mm 530 x 548 x 523 mm*	24.5 kg
A	**Grand Large 2 + grill**	**416791**	2 burners 19 L oven + Grill	1,75 kW - 2,5 kW 1.8 kW oven - Grill : 1.5 kW	440 g/h	515 x 432 x 470 mm 530 x 548 x 523 mm*	25.5 kg
B	**Grand Large 3**	**70623**	3 burners 24 L oven	1 kW - 1.75 kW - 2.5 kW 1.8 kW oven	513 g/h	515 x 446 x 470 mm 530 x 548 x 523 mm*	25.5 kg

* built-in dimensions

A

B

Electronic ignition

Allure Cooker

Recognisable by its wooden handle, the Allure model is appreciated for its design.
It offers the same level of equipment and performance as the Grand Large model.

	Model	Ref.	Functions	Burners power	Cons.	Dimensions (L x H x Depth)	Weight
A	**Allure 2 + grill**	**477304**	2 burners 19 L oven + Grill	1.75 kW - 2,5 kW 1.8 kW oven - Grill : 1.5 kW	440 g/h	515 x 432 x 470 mm 530 x 548 x 523 mm*	26 kg
B	**Allure 3 + grill**	**70624**	3 burners 19 L oven + Grill	1 kW - 1.75 kW - 2.5 kW 1.8 kW oven - Grill : 1.5 kW	513 g/h	515 x 432 x 470 mm 530 x 548 x 523 mm*	27 kg

* built-in dimensions

Origin Cooker

70621

- 2 burners : 1.75 kW and 2.5 kW power.
- 24 L oven, stainless steel interior, 1.8 kW power
- Consumption 440 g/h.
- Dimensions : L 515 x D 432 x H 470 mm.
- Built-in dimensions : L 530 x D 548 x H 523 mm.
- Weight : 21 kg.
- Gimble assembly.

Accessory

- ***Stainless steel drip tray : 70622***

Cook'n Boat

Latest addition to the Eno range, the Cook'n Boat can be fixed to the boat balcony, mounted on a stand or placed on the ground for a picnic.
For a convivial kitchen in all simplicity.

All stainless steel

Charcoal BBQ
70625

- Cooking area : 440 x 290 mm
- Ideal for 4-8 persons
- Captive grid
- Heat spreader
- Tempered handle
- NF EN 1860-1 compliance
- Dimensions (L x Depth x H) : 545 x 380 x 250 mm
- Weight : 8 kg

Gas plancha
70626

- Cooking area : 440 x 275 mm
- Ideal for 4-8 persons
- Thermocouple gas safety
- Electronic ignition
- Enamelled cast iron plate
- Burner power : 3.2 kW
- Consumption : 233 g/h
- Energy : Butan / Propan (28-30 mbar).
- G 1/4 M connection.
- Dimensions : (L x Depth x H) : 640 x 380 x 250 mm
- Weight : 16 kg

Accessories

- ***Mounting kit for balcony (Ø25-30 mm)***
  70628

- ***PVC Cover***
  70630

- ***Rapid connection box***
  70642
  For copper pipe.
  G 1/4 M connection

- ***Connection kit for a Campingaz®***
  70643

- ***Mounting kit for table leg (Ø 60 mm)***
  70629

- ***BBQ grid kit***
  70627
  Stainless steel grid with heat spreader to turn the plancha into a BBQ

- ***Connection kit for a Campingaz® CV470 cartridge***
  70654
  Allows to connect your Cook'n Boat gas plancha on the cartridge.

Gas accessories

- ***Flexible pipes***
  5 years life span.

	Ref.	Length	Gas inlet	Gas outlet	Code
A	A **70631**	80 cm	Ø 8 mm nut	Ø 8 mm nut	K71426
B	B **70646**	60 cm	G 1/4 F	G 1/4 F	K71497
	B **70632**	100 cm			K71498
	B **70633**	150 cm			K71499
	B **70634**	200 cm			K71500
C	C **70645**	60 cm	G 1/4 F	Ø 8 mm nut	K71427
D	D **70647**	60 cm	G 1/4 F	Stainless steel 8 mm straight end	K71676
	D **70648**	80 cm			K71677
	D **70649**	100 cm			K71678

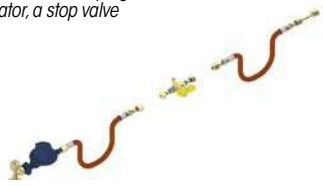
- ***Adapters***

Ref.	Gas inlet	Gas outlet	Code
70635	G 1/4 M	G 1/4 F	RG57037
70636	G 1/4 M	Nut Ø 8 mm	RG57049
70637	G 1/2 M	G 1/4 F	RGA8502
70638	Ø 8 mm straight end	G 1/4 F	RGA8505
70639	Ø 8 mm nut	G 1/4 F	RGA8506

- ***Stop valves***
  For mounting on a wall

Ref.	Gas inlet	Gas outlet	Code
70640	• Nut to Ø 8 mm pipeline	• Nut to Ø 8 mm pipeline	K72096
70641	G 1/4 F	G 1/4 M	K72106

- ***Enoquip gas connection kit***
  410564
  Connection kit adapted to the marine environment to secure your on-board installation.
  Requires a 8 mm copper pipe (partition passage).
  Butane and propane compatible.
  This kit includes valve for a Campingaz® type bottle, a regulator, a stop valve and pipes.



- ***Marine regulators***
  70650
  Straight outlet

70651
Straight 90°

- ***Stop valves***
  For gas bottles

Ref.	Features	Code
70644	Clip on valve 27 mm for Butagaz® 6 kg cube.	K513
70652	Gas valve for Campingaz® bottle.	K72094

Gaz barbecue set

MAGMA

CE

Ideal to enjoy the pleasure of grilling during your outings at sea. The wide range of equipments will help you treat your guests at sea as well as on the quay.

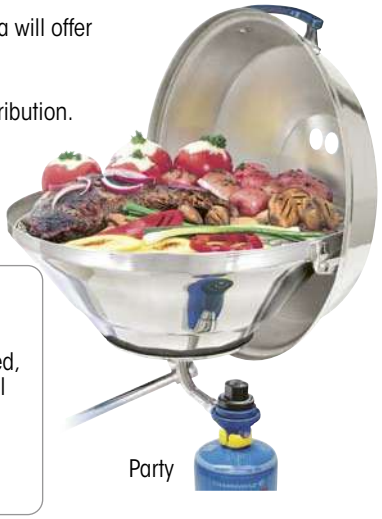
Barbecue Marine Kettle®

These patented Marine Kettle® all stainless steel by Magma will offer the safety, durability and performance expected from your onboard barbecue.

- Radiant burner system for perfect and constant heat distribution. Reduces flame formation.
- Swivel venturi tube for easy, quick and safe gas cartridge change.
- Removable grease trap, designed to protect and optimise the air supply to the burner.

Delivered with :
- A control / valve regulator for disposable Campingaz® (CV270 / CV270 Plus / CV470 or CV470 Plus) fuel canister. Can easily adapt to the on board, pre-regulated, low pressure propane/butane systems (use an optional control valve Ref. 410042).
- L-bracket and clamp.
- Grill.

Mountings are available as options.



Party

With the Marine Kettle® 3, you can benefit from electronic ignition and the warming function.

Party 3

Marine Kettle®	Ignition	Function	Capacity	Ref.	Grill Ø	Cooking area	Dim open* Ø x H	Dim closed* Ø x H	Weight
Original	Manual	Grill	1-4 people	**12495**	33 cm	856 cm²	37.8 x 43.5 cm	38.4 x 32.4 cm	3.5 kg
Party	Manual	Grill	4-8 people	**410011**	38 cm	1140 cm²	43.3 x 46.4 cm	43.5 x 34.9 cm	4.2 kg
Original 3	Electronic	Grill + stove	1-4 people	**69017**	33 cm	856 cm²	40.8 x 43.7 cm	39.1 x 32.7 cm	4.5 kg
Party 3	Electronic	Grill + stove	4-8 people	**69018**	38 cm	1140 cm²	44.3 x 49.2 cm	43.5 x 37.8 cm	5.5 kg

* Dimensions with regulator, without leg or mount.

Accessories

Spare parts available on www.plastimo.com

Mounting for Marine kettle® grills
Securing round Marine Kettle® grills on board

12497 - 12498

The **410025** mounting includes the Pow'rGrip™ technology : locking by tightening the wing-nut.

Type of mounting	*Ref.*	*Features*	*Code*
On rail	***12497***	*Ø tube : 22.2 à 25.4 mm. Quick connection. Stainless steel and anodized aluminum.*	*A10-080*
On rail	***12498***	*Ø tube : 28.6 to 31.8 mm. Quick connection. Stainless steel and anodized aluminum.*	*A10-085*
On flush-mount od holder	***410025***	*Pow'rgrip™. Quick connection. Stainless steel and anodized aluminium.*	*A10-175*
On pedestal	***67886***	*Double locking stowable pedestal mount. Anodized aluminium.*	*A10-184*
-	***67885***	*Water cap for Magma pedestal 67886.*	*12-181*
-	***67890***	*Spare base for Magma pedestal 67886.*	*10-187*

Protective cover for round Marine kettle® grills
Made of water and fade resistant solution dyed acrylic to resist damage from sunlight and mildew.

For model	*Ref.*	*Code*
Original	***42372***	*A10-191PB*
Party	***61120***	*A10-492PB*

Grill / plancha round reversible griddle

69021

Aluminium two-sides griddle pan Ø 30 cm. :
- *A ribbed side for grilling.*
- *A smooth surface "plancha".*

Corflon Ultra* "Non-Stick" coating.

Rectangular barbecues

Delivered with a control / valve regulator for disposable Campingaz® (CV270 / CV270 Plus / CV470 or CV470 Plus) fuel canister.

The Adventurer Cabo™ and Gourmet will offer the safety, durability and performance expected from your onboard barbecue.

- Optimized combustion system for perfect heat distribution.
- Stainless steel shell, food grade quality and superior corrosion resistance.
- The swivelling regulator allows quick and safe fuel canister exchanges.
- Can easily adapt to the on board, pre-regulated, low pressure propane/butane systems (use an optional control valve).
- Locking Side Grease Tray.
- Includes fold away legs, removable (other mounts available as optional extra).

Holders on the following page.

Adventurer Cabo™ Barbecue
69015

Ideal for around 4 to 6 people. Cooking area : 1045 cm².

- Turbo burner premixes air and fuel for a consistently hot blue flame.
- Radiant plate assembly for even perfect heat distribution.
- Burner time : 2-4 hours with a 450 g canister.
- Dimensions - open * (L x l x H) : 56.8 x 31.8 x 41 cm.
- Dimensions - closed * * (L x l x H) : 56.8 x 29.9 x 25.7 cm.
- Weight : 5.4 kg.

* Dimensions with regulator, without leg or mount.

Adventurer Cabo™

Gourmet Newport II™

Thermometer

Gourmet Catalina II™ IR

Gourmet Barbecue

The Gourmet range stands out by its elegant design and its Piezo electronic ignition.

- Gas, dual radiant plate.
- Piezo-electronic ignition (alkaline AAA battery included).
- Lockable, balanced. Full lenght stay cool handle and thermometer.
- Lower part intainless steel double-lined.

Also included on the Gourmet Catalina II™ IR version :

- Features infrared radiant screens : provides intense even heat for searing. Reduces flare-up. Eliminates blows outs.
- Two grilling areas, ideal for slow cooking or keeping warm.
- Ultra high temp glass viewing window integrated in the cover.

	Gourmet Newport II™	Gourmet Catalina II™ IR
Ref.	**69016**	**65212**
Capacity	4-6 people	6-8 people
Cooking area	1045 cm²	2032 cm²
First grill	45.7 x 22.9 cm	45.7 x 30.5 cm
Second grill	-	45.7 x 14 cm
Opened dimensions* (L x l x H)	57.8 x 29.9 x 41.9 cm	57.8 x 40 x 48.3 cm
Closed dimensions* (L x l x H)	57.8 x 29.9 x 29.5 cm	57.8 x 37.5 x 36.2 cm
Weight	8.7 kg	12.2 kg

* Dimensions with regulator, without leg or mount.

Accessories

Stainless steel serving self
70185
Board in high density polyethylene, UV stabilized.
Food grade stainless steel.
Conveniently stores inside of your barbecue.
Dimensions : 43.9 x 20.9 x 3.6 cm.

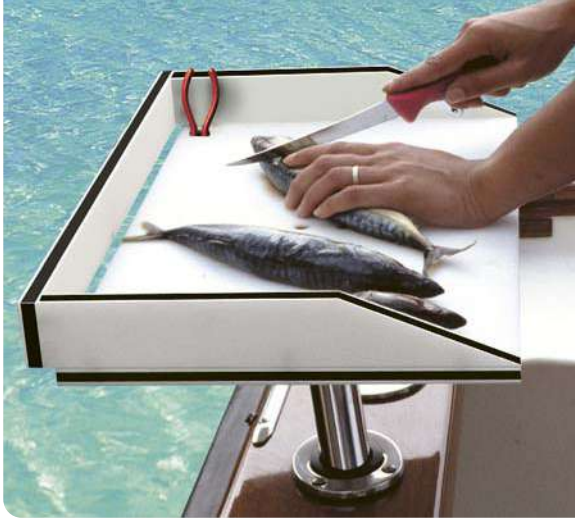
Grill / rectangular plancha reversible griddle
69020
Aluminium two-sides griddle pan L 30 cm :
- A ribbed side for grilling.
- A smooth surface "plancha".
Corflon Ultra* "Non-Stick" coating.

Protective cover for rectangular Marine kettle® barbecue
Made of water and fade resistant solution dyed acrylic to resist damage from sunlight and mildew.

For BBQ	*Ref.*	*Code*
Adventurer Cabo™ Gourmet Newport II™	***69019***	*A10-990JB*
Gourmet Catalina II™	***65214***	*A10-1290JB*

Cutting boards

MAGMA



Cutting board

Designed for bait cutting and fish cleaning/filleting.
Ideal for food preparation.

- Food Grade.
- UV stabilized high density polyethylene.
- Features a handy ruler, side channels and slotted back for drainage.

Model	Ref.	Mounts*	Description	Dimensions	Weight
Mate™	**410026**	Single	2 knife holders + 1 holder for plier/cooking utensils.	50.5 x 32.4 cm	2.5 kg
First Mate™	**410032**	Twin	2 knife holders + 1 holder for plier/cooking utensils.	78.4 x 31.8 cm	4.2 kg
Tournament	**67882**	Twin	4 knife holders + 2 holders for plier/cooking utensils.	120.6 x 49.5 cm	10.2 kg
Tournament	**67883**	-	Removable side holder.		

* Mounting holders not included.

Holders for barbecues and boards

Marine grade stainless steel tubing and anodized aluminium components. Unique quick disconnect system allows instant installation or storage after use without tools.

Spare parts available
on www.plastimo.com

* SD (standard duty) : allow the use of the grill while anchored or moored. They should be stowed while underway.
** HD (heavy duty) : designed to allow grilling underway. All fasteners for attaching either mount to Gourmet Series Grills are included with grill.

Type of mounting	Ref.	For tube	Mounts	Description	For barbecue	For cutting board	Code
On horizontal rail	**410029**	Ø 22.2 to 25,4 mm	Single, SD*	Quick connection.	Gourmet Newport II™ Gourmet Catalina II™ IR Adventurer Cabo™	Mate™	T10-380
On horizontal rail	**410040**	Ø 22.2 to 25.4 mm	Twin, HD**	Quick connection. Can be used on curved rails.	Gourmet Newport II™ Gourmet Catalina II™ IR	First Mate™ Tournament	T10-580
On horizontal rail	**67884**	Ø 38.1 mm	Twin, HD**	Quick connection. Can be used on curved rails.	Gourmet Newport II™ Gourmet Catalina II™ IR	First Mate™ Tournament	T10-590
On vertical rail	**65213**	Ø 22.2 to 25.4 mm	Single, SD*	Quick connection. With LeveLock® adjustable all-Angle connector.	Gourmet Newport II™ Gourmet Catalina II™ IR Adventurer Cabo™	Mate™	T10-780
On flush-mount rod holder	**410031**	-	Single, HD**	Quick connection. With LeveLock® adjustable all-Angle connector.	Gourmet Newport II™ Gourmet Catalina II™ IR Adventurer Cabo™	Mate™	T10-355
Flush-mount	**67887**	-	Twin, HD**	Water drainage hole in the side of the socket.	Gourmet Newport II™ Gourmet Catalina II™ IR	First Mate™ Tournament	T10-521

LED light

62246

With clip and cover, resists to high temperatures.
Smoke and weather-proof. Easy to clean. 9 V battery included

Fits all Magma barbecues.

Low pressure control valve for Magma barbecue

Allows Magma barbecue to be connected to pre-regulated, LPG on-board systems. Replaces the original control valve regulator type 2.

Ref.	For barbecue	Code
410042	Adventurer cabo™ Gourmet Newport II™ Marine Kettle® and Kettle® 3	A10-220CE
65691	Gourmet Catalina II™ IR	A10-223CE

Tableware

• Couleur**mer** • revamps marine tableware. With its glossy lacquered finish, it definitely looks just like ceramic tableware. Its distinctive features : our 3-step baking melamine process, including a glazing finishing coat. That's why • Couleur**mer** • products combine lightweight and top resistance.

Four trendy • Couleur**mer** • ranges, with elegant traditional patterns and colourways.

· couleur**mer** ·

Coral Reef

· couleur**mer** ·
coral reef

Tray
5241010
50 x 37.5 cm

Cutlery
5241024
Cutlery package 24 items
stainless steel and ABS handle

Package 16 items
5241016
- 4 dinner plates,
- 4 soup plates,
- 4 dessert plates,
- 4 mugs.

Dinner plate
5241001
Ø 25 cm

Coffee cup and saucer
5241007
Ø 7 and 13 cm

Mug
5241006
Ø 8.5 cm

Soup plate
5241002
Ø 22.5 cm

Bowl
5241005
Ø 13 cm

Cereal bowl
5241008
Ø 15 cm

Dessert plate
5241003
Ø 22 cm

Breakfast bowl
5241004
Ø 12.5 cm

Salad bowl
5241009
Ø 24 cm

Marina

couleurmer
marina

BPA FREE

Tray
5280490
50 x 37.5 cm

Cutlery
5280491
Cutlery package 24 items
stainless steel and ABS

Package 16 items
5280489
- 4 dinner plates,
- 4 soup plates,
- 4 dessert plates,
- 4 mugs.

Dinner plate
5280480
Ø 25 cm

Coffee cup and saucer
5280487
Ø 7 and 13 cm

Mug
5280486
Ø 8.5 cm

Soup plate
5280481
Ø 22.5 cm

Bowl
5280483
Ø 13 cm

Cereal bowl
5280485
Ø 15 cm

Dessert plate
5280482
Ø 22 cm

Breakfast bowl
5280484
Ø 12.5 cm

Salad bowl
5280488
Ø 24 cm

South Pacific

·couleurmer·
south pacific

BPA FREE

Package 16 items

4 dinner plates, 4 soup plates,
4 dessert plates and 4 mugs.

- Round plates : **5261010**
- Square plates : **5261011**

Cutlery

5261015

Cutlery package 24 items
stainless steel and ABS handle.

Dinner plate

- Round Ø 25 cm : **5261001**
- Square 25 x 25 cm : **5261002**

Bowl

5261007

Ø 13 cm

Salad bowl

5261014

Ø 24 cm

Breakfast bowl

5261006

Ø 12.5 cm

Soup plate

5261003

Ø 22.5 cm

Mug

5261008

Ø 8.5 cm

Cereal bowl

- Round Ø 15 cm : **5261012**
- Square 16 x 16 cm : **5261013**

Tray

5261016

50 x 37.5 cm

Dessert plate

- Round Ø 22 cm : **5261004**
- Square 20 x 20 cm : **5261005**

Coffe cup and saucer

5261009

Ø 7 and 13 cm

C. Le Calvé ©

Atoll

Premium melamine tableware,
100 % core-coloured.

couleurmer
atoll

Package 12 items
5242235

Embossed finish,
rope festoon rim.
- 4 dinner plates Ø 28 cm,
- 4 cups Ø 20 cm,
- 4 dessert plates Ø 20 cm.

Anchor

couleurmer
anchor

Cutlery Anchor
5242124

Cutlery package 24 items stainless steel.

Drinkware

Tritan™ glasses

couleurmer

Couleur Mer drinkware collection by Plastimo :
glasses in Tritan™, **unbreakable, dishwasher safe and BPA-free**.
Tritan™ is a thermoplastic copolyester from Eastman American corporation, used for food-safe containers. It combines glass-like clarity with thermal, mechanical and chemical resistance.

Fidji Tritan™ glasses

6

Ref.	Model	Dimensions (H x Ø)
5320127	Low tumblers	9.5 x 8.5 cm
5320128	High tumblers	15 x 7.2 cm
5320129	Wine glasses	17 x 8 cm
5320130	Champagne flutes	22 x 5.5 cm

Seychelles Tritan™ glasses

6

Ref.	Model	Dimensions (H x Ø)
5320351	Tumblers	9.5 x Ø 7.5 cm
5320352	Wine glasses	21.4 x Ø 5.7 cm
5320353	Champagne flutes	24.6 x Ø 5 cm

Maldives Tritan™ glasses

6

Ref.	Model	Dimensions (H x Ø)
5320321	Tumblers	9.8 x Ø 7.4 cm
5320322	Wine glasses	20 x Ø 6.4 cm
5320323	Champagne flutes	25 x Ø 5 cm

Java Tritan™ glasses

6

5320209

Stackable.
Height 12 cm - Ø 7 cm.

Capri Tritan™ glasses

6

5320180

Stackable.
Height 9.5 cm - Ø 7.8 cm.

St Barth Tritan™ glasses

6

5320149

Stackable.
Height 9.5 cm - Ø 7.8 cm.

Palm drinkware in Tritan™

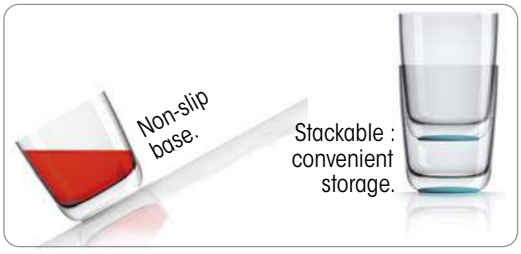
Tritan™ drinkware collection designed by Marc Newson.

Unbreakable, dishwasher safe and BPA-free, including two stackable tumblers for convenient storage on board.

Anti-slip base with incorporated rubber ring for optimum stability.

Minimalist curves and 4 vibrant colours provide style and chic entertainment on board !

Tritan™ is a thermoplastic copolyester from Eastman American corporation, used for food-safe containers. It combines glass-like clarity with thermal, mechanical and chemical resistance.



Chic and stylish

- Iconic Marc Newson design
- Glass-like clarity
- Minimalist curves
- Coloured base

Functional

- Non-slip base
- Stable
- Lightweight
- **Tumblers stack** safely without sticking.

Sustainable

- Scratch resistant
- Unbreakable
- Dishwasher safe
- BPA-free Tritan™

Palm™ glasses

Model	Capacity	Dimensions (H x Ø)	Lagoon blue	Klein blue	White	Orange
Low tumbler (eg. whisky)	285 ml	80 x 82 mm	**70673**	**70674**	**70675**	**70676**
High tumbler Highball (eg. softdrinks)	425 ml	106 x 85 mm	**70669**	**70670**	**70671**	**70672**
Wine glass	300 ml	165 x 65 mm	**70677**	**70678**	**70679**	**70680**
Champagne flute	180 ml	185 x 65 mm	**70681**	**70682**	**70683**	**70684**

Marc Newson is one of the world's most influential and sought-after designers. His unique design language covers a large variety of product categories and lifestyle worldwide, from Paris to Tokyo. His creation is exhibited in numerous museums such as the New York MoMA, the London Design Museum, the Paris Pompidou Centre and Vitra Design Museum.
PALM PRODUCTS has missioned Marc Newson to design the 3rd generation of **unbreakable drinkware, engineered with a double injection process**.
The result is outstanding : **a collection of unique design unbreakable glasses, combining function and aesthetics**, recipient of the prestigious German RedDot Award and Australian Good Design Award.

reddot award winner

Glasses in synthetic material

couleurmer

Range of drinkware in synthetic material :
60 % acrylic + 40 % polystyrene, Bisphenol-A free.

Bali glasses

Ref.	Model	Dimensions (H x Ø)
5332038	Wine glasses	21 x 7 cm
5332037	Champagne flutes	23 x 6 cm

Honolulu SM* glasses

5320371

Stackable tumblers.
Height 9.3 cm - Ø 7.5 cm.

* Synthetic Material

Color-lines glasses

5320382

Stackable tumblers. 4 assorted colours.
Height 10 cm - Ø 8.4 cm.

Capri SM* glasses

5320158 : Colourless
5320159 : Blue

Stackable tumblers.
Height 9.5 cm - Ø 7.8 cm.

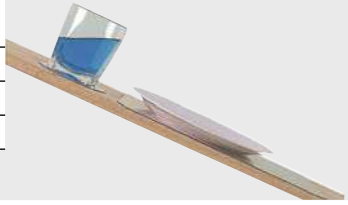
* Synthetic Material

Stop-Gliss non-slip pads

Reduce the risk of objects falling by stabilizing glasses and other accessories on the table or in the lockers.
Efficient even in heavy heeling conditions.

Transparent synthetic material.

Ref.	Description
5995000	4 coasters Ø 10 cm + 4 place mats 32 x 24 cm
5995050	33 cm x 98 cm roll
5995055	1.50 m x 98 cm roll
5995059	30 m x 98 cm roll



Glasses in synthetic material are very resistant but may break in certain conditions.
To keep their original properties and aspect, Plastimo recommends to avoid the dishwasher, the micro-wave and the abrasive sponge.
Just like any container in synthetic material, these products are not suitable for use with hot beverages or strong spirits and liquors.

Wooden storages

Bamboo supports and accessories

Bamboo Marine System

Bamboo is an environmentally friendly alternative to teak and also a better option budgetwise. It is the fastest growing plant on earth : it takes 2 to 5 years to reach maturity while teak takes 30 to 40 years. Bamboo is rotproof and withstands the hygrometry fluctuations. It does not generate any toxic substances and is totally adapted to marine environment.

Its bright honey colour contributes to a warm atmosphere on board. The glue-laminated structure of the Bamboo Marine System products guarantee excellent resistance and durability.

Universal tablet holder

1997018

Universal tablet holder to be fixed.
2 parts. Dimensions : 130 x 85 x 15 mm

Binoculars holder

1997003

Dimensions : 220 x 175 x 75 mm

VHF/GPS holder

- **Size M : 1997005**
  Dimensions : 68 x 140 x 45 mm
- **Size L : 1997013**
  Dimensions : 90 x 140 x 45 mm

Navigation box

1997008

Dimensions : 230 x 300 x 75 mm

Smartphone holder

1997011

Dimensions : 130 x 75 x 21 mm

Pen holder

1997009

Dimensions : 125 x 90 x 22 mm

Compass holder

1997004

Dimensions : 85 x 100 x 40 mm

2-glass rack
5998702

Bamboo glass rack to be fixed.
Max. glass Ø : 77 mm
Dimensions : 190 x 50 x 100 mm

4-glass rack
5998704

Bamboo glass rack to be fixed.
Max. glass Ø : 77 mm
Dimensions : 368 x 50 x 100 mm

Duckboard tray
5998755

Dimensions : 465 x 325 x 75 mm

Slatted tray
5998754

Dimensions : 460 x 320 x 20 mm

2-bottle rack
5998710

Bamboo bottle rack to be fixed.
Max. bottle Ø : 95 mm
Rack dimensions : 226 x 90 x 119 mm

Handrails
Length 33 cm : 1997014
Length 59 cm : 1997015
Length 85 cm : 1997016

For indoor use only.

Paper towel rack
5998750

Dimensions : 245 x 90 x 110 mm

Decoration

Clocks and barometers : please refer to navigation chapter.

A

B

COLREG 72

C

D

A bell is compulsory on all boats 20 metres long and more.

Brass bells

	Ref.	Description	Material	Diameter
A	**402179**	"1888" bell mounted on oscillating attachment (supplied)	Polished brass	160 mm
B	**417988***	Removable bell	Polished brass	300 mm
C	**400740**	Bell mounted on oscillating attachment (supplied)	Polished brass	150 mm
D	**13392**	Bell mounted on oscillating attachment (supplied)	Polished brass	90 mm

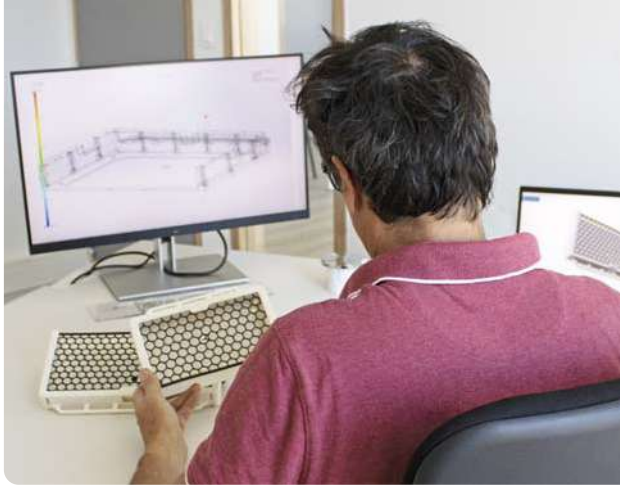
* Complies with COLREG 72 specifications.

Storage on board

A tidy cabin

MADE IN FRANCE

Storage on board is essential whatever the type of navigation. It is quite natural that Plastimo's design office proposes an ingenious and efficient solution to facilitate onboard storage. Easy and quick to fix, this net storage or pocket is ideal to integrate the cockpit or the steering console of your boat. The frame is made of ASA with an anti-UV treatment for a better longevity, it is equipped with a flexible thermoplastic honeycomb net.



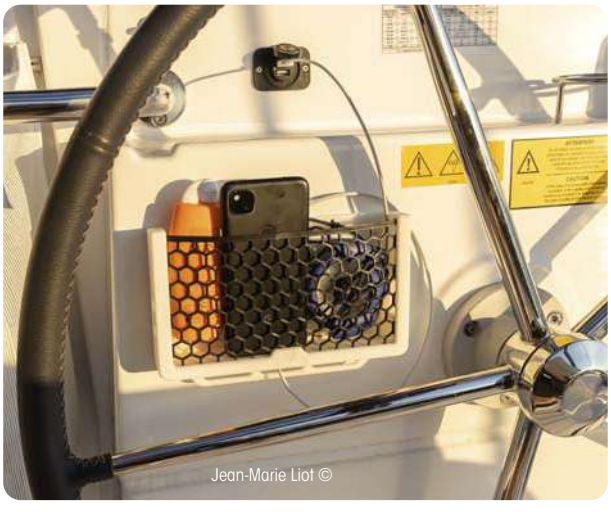
DESIGN BY PLASTIMO

Designed and manufactured in France.
- 3 outlets /grommets.
- Supports for decoys, keys, carabiners, circuit breakers etc...
- Delivered with double sided tape.
- Available in 2 sizes to fit all available surfaces.

Mesh storage small model

- Dimensions : 208 x 122 x 34 mm.
- 2 colors :

70656 : White
70997 : Black



Mesh storage large model

- Dimensions : 278 x 142 x 34 mm.
- 2 colors :

70614 : White
70998 : Black

A tidy cockpit

Caddies and holders specially designed to optimise a tidy and efficient organisation of accessories on board.

Manufactured in lightweight resistant resin.

Holder and suction cups are in **UV-resistant resin.**

Large Super Suction™ cups provide instant and durable mount on any flat surface.

Permanent mount possible on some models, by replacing suctions cups with screws.

Cockpit organiser
5352133

Multi-purpose organiser with specific slots for knife, baits and tools.
Suction mounts on any smooth surface. Can be permanently mounted with screws.
Dimensions : 305 x 153 x 102 mm (W x H x D).

Cruising caddy
5352131

Clever and practical caddy to stash your beverage, knife, personal items and even a couple of lures.
Mounts vertically with suction cups on a flat surface.
Dimensions : 305 x 115 x 90 mm (W x H x D).

Caddy for VHF/GPS/smartphone

Compact organisers, hold most handheld VHF or smartphone.
Suction mount on any smooth vertical surface.
Can be permanently mounted with screws.

Ref.	Model	Dimensions (W x H x D)
5352135	Simple	90 x 115 x 64 mm
5352134	Double	153 x 115 x 90 mm

Drink holder
5352136

Super compact holder : can fit almost everywhere.
Holds beverage and features slots to hang sunglasses, lures and most small items that can be hooked.
Mounts vertically on a flat surface.
Dimensions : H 102 x Ø 153 mm

Lure rack
5352110

Holds up to 25 baits, plus a slot for a fillet knife.
Easily stows away when not in use.
Dimensions : 305 x 45 x 50 mm (W x H x D)

Trash bagger
5352132

Holder with hinged cover for garbage bags.
Suction mounts in galley or cockpit, can be moved around as need arises.
Can also be permanently mounted with screws.
Dimensions : 343 x 64 x 153 mm (W x H x D).

Utility hook
5352100

Most useful in the cabin, cockpit or flybridge for ropes, clothes, tools…
Instant mount with suction cup : change location as need arises.
Dimensions : 26 x 76 x 38 mm (W x H x Th.).

Fold-away drink holder
416893

Black ABS folding holder.
Dimensions :
- open : 95 x 95 x 100 mm (W x H x D), Ø int.75 mm
- closed : 95 x 100 x 26 mm (W x H x D)

Practical : when not in use, folds flat against the bulkhead.

Seats and cushion

Kapok Cushion

Floating navy-blue cushion : the kapok padding doesn't absorb water.
Cover 100% cotton UV resistant
- Simple 44 x 36 x 9 cm : **2211810**
- Double 44 x 73 x 9 cm : **2211811**
- Polochon 44 x Ø 16 cm : **2211812**

Boat sit comfort cushion

Navy blue : 25652

Ergonomic cushion for top relaxation :
back-rest moulded in high density foam, thickness 7 cm, with hook-and-loop fastener.
Water-resistant envelope, easy to clean.
Seat part in 3 cm thick foam, with anti-slip patch underneath.
Seat : 37 x 35 cm (W x D).
Back rest : 34 cm high.

Bunk net

416838

Berth protecting net.
White, supplied with white nylon hooks.
Dimensions : 210 x 70 cm (L x H).

Buoyant cushions

Light polyethylene foam protected by a durable polyester fabric cover.

Great to sit, also provides efficient buoyancy aid in the event of a Man Over Board.

Peripheral straps facilitate grabbing.

Easy care : cover is washable with fresh water and can be sun dried.

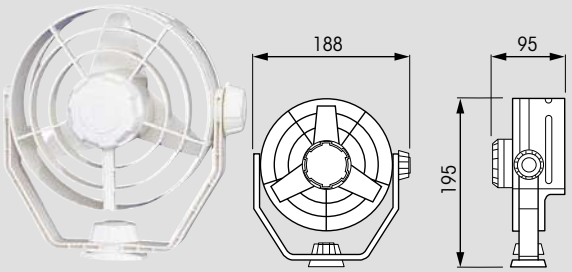
Model	Ref.	Colour	Dimensions (L x l x Ep)	Weight
Double	**70600**	Red	740 x 370 x 75 mm	0.620 kg
Double	**70601**	Navy blue		
Triple	**70602**	Red	1180 x 395 x 70 mm	0.970 kg

See pilot seats page 564

Folding seat

51493

St. steel tube and PE foam covered with white PVC.
64 x 61 x 76 cm (W x D x H).
Seat depth : 37 cm.



2-Speed turbo 12 V fan

White : 65316

Very quiet operation motor swivels and pivots in all directions.
Side, upright or pendant mounting. Impact resistant plastic, protection guard to preserve fan blade.
2-position rotary switch, integrated in the front of blade guard.
Speed 1 : 70 Litres /sec. Speed 2 : 95 Litres /sec
12 V / 6.5 W.
Pre-wired with 140 mm cable.

Table tops and pedestals

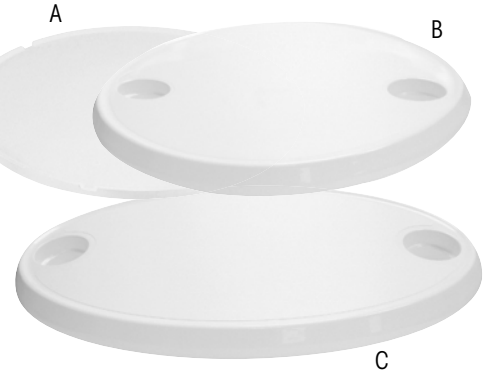
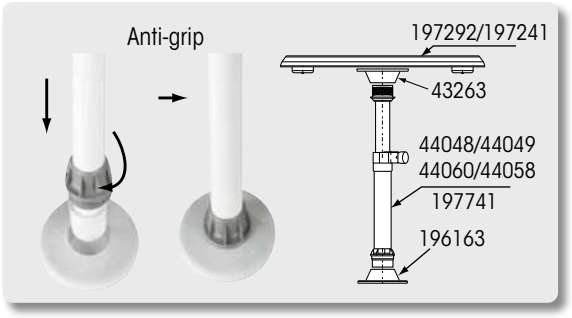


Table tops

To combine with below pedestals, top and bottom plates

	Description	Ref.	Material	Dimensions
A	**Round table top (integrated top plate)**	**47087**	Polyethylen	600 x 30 mm (Ø x Th.)
B	**Round table top**	**197241**	White ASA, impervious to UV and chemical solvents	610 x 40 mm (Ø x Th.)
C	**Oval table top**	**197292**	White ASA, impervious to UV and chemical solvents	760 x 450 x 40 mm (L x W x Th.)



Fixed pedestals

White lacquered aluminium pole

Model		Ref.	Tube Ø	Total height	Features
Fixed	A	**44048**	60 mm	610 mm	Anti-grip system.
		44049	60 mm	770 mm	
Telescopic	B	**197741**	60 mm	225/425 mm	Anti-grip system.
		44060	60 mm	380/600 mm	
		44058	60 mm	480/810 mm	

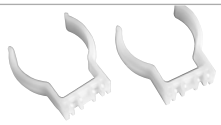
Options & Accessories

Nylon top plate for table top 43263
Suitable for table tops ref. 197241 & 197292.
Dimensions : 190 x 55 mm (Ø x H)

Nylon bottom plate, surfacemount : 196163
Ø : 190 mm
Total height : 55 mm

Nylon bottom plate, flushmount : 43261
Ø : 190 mm
Height above deck : 10 mm

Aluminium bottom plate, flushmount : 197291
Ø : 150 mm
Height above deck : 9.5 mm



Clips for table pedestal : 197289

Fixed pole pedestals

Description	Ref.	Height	Tube Ø
Anodised aluminium pole, conical base fitting	**418640**	600 mm	60/55 mm
	418641	700 mm	
Chrome-plated metal pole, conical base fitting	**404458**	686 mm	

Options & Accessories

Top or bottom plate : 418636
Ø : 165 mm
Anodised aluminium
Total height : 45 mm

Bottom plate, flush-fitting : 418635
Ø : 160 mm
Cut-out : Ø 58 x H 45 mm
Height above deck : 10 mm

Telescopic table pedestral

473765

Anodised aluminium
Mini height : 370 mm
Maxi height : 720 mm
Base Ø : 240 mm
Intermediate position locking by tightenning (knurled buttons).
Enamelled base.

Non-slip pads

Indispensable on board for safe and comfortable sailing : non-slip pads reduce the risk of objects falling from the table or banging in the lockers, even in heavy heeling conditions.

Glisstop non-slip fabric

Mesh weft PVC, comes as a roll that easily cuts with scissors. Does not fray.
Easy care : hand wash or machine wash 60°.
Adapts to most smooth surfaces (avoid lacquered or varnished surfaces that might be altered).

Ref.	Colour	Dimensions
5995071	**Beige**	30 x 150 cm
5995082		30 x 300 cm
5995072		90 x 150 cm, tablecloth
5995066	**Navy blue**	30 x 150 cm
5995081		30 x 300 cm
5995069		90 x 150 cm, tablecloth

Stop-Gliss non-slip pads

Transparent synthetic material.

Come in 3 formats : place mats, coasters or full length rolls that cut easily with scissors at the required dimensions.

Ref.	Description
5995000	4 coasters Ø 10 cm + 4 place mats 32 x 24 cm
5995050	33 cm x 98 cm roll
5995055	1.50 m x 98 cm roll
5995059	30 m x 98 cm roll

Octopus non-skid pad

2460100

Holds objects in place : smartphone, compact camera, eyewear, keys…
Very adhesive soft material, adapts to most shapes.
2 assorted colours : black and transparent.
Dimensions : 145 x 90 mm.

BPA-Free plastic and silicone.
Easy care : dishwasher safe.

Collapsible salad spinner

5470402

Ultimate space-saver : utensil collapses and handle folds flat. Non-skid base.
3.5 L capacity.
Height : 14 cm when in use, 7 cm when retracted. Ø 24 cm.

Collapsible funnel

5470301

Collapsible body in silicone for compact storage.
Height : 13 cm when in use, 5.5 cm when retracted. Ø 10 cm

10 L collapsible washbasin

5470201

Great space-saver : collapsible silicone washbasin.
10 L capacity.
Dimensions 31 x 38 cm.
Height : 14 cm when in use, 5 cm when retracted.

Flexi dustpan set

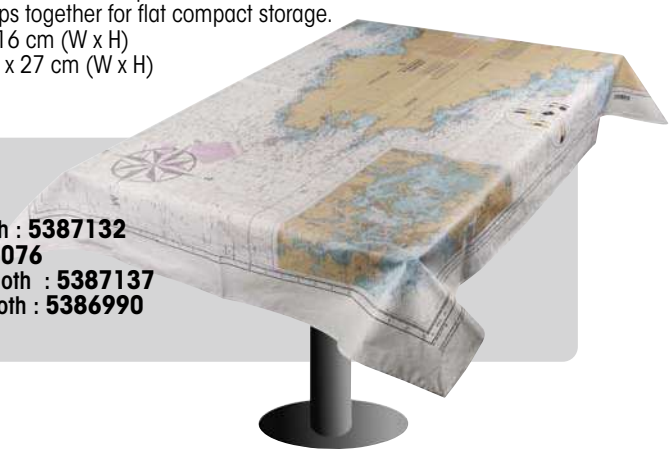
2090350

Set includes soft brush and flexible dustpan.
Ultimate space saver : clips together for flat compact storage.
Brush dimensions : 13 x 16 cm (W x H)
Dustpan dimensions : 25 x 27 cm (W x H)

Tablecloths

Tablecloth with SHOM* marine charts design.
- Colour-fast print on 115 g cotton fabric.
- Anti-stain coating. Washable.
- Dimensions 105 x 150 cm.

- **English Channel tablecloth : 5387132**
- **Brittany tablecloth : 5387076**
- **Golfe du Morbihan tablecloth : 5387137**
- **French West coast tablecloth : 5386990**



* Service Hydrographique de la Marine = French Navy official charts

PLASTIMO
happy boating to you!

Water on Board

Jean-Marie Liot ©

Water system pumps

Fresh water pumps

Premium 4.0

Ignition protected ISO 8846

64519-64520

Nautilus 1.0

Aqua King™ pumps

High and smooth flow with minimum noise and vibration, provided by 3-chamber (models 62369, 64519, 64520) or 4-chamber (model 471860) pump head.
Premium model includes an adjustable by-pass.
Starting and stopping controlled by pressure switch : pump starts as soon as water is being used.
Premium model features an adjustable by-pass.

- Self-priming up to 1.82 m.
- Can run with hot water (up to 54°C).
- Sealed switch & motor.
- Can run dry without damage.
- Thermal overload protection (with automatic restart)
- Intermittent duty.
- 1/2" - 14 NPSM male connectors included.

3-year warranty.

Nautilus pump

Nautilus 1.0 is the **compact version** pump for single fixture applications, and is engineered to the same quality standards as the bigger models.

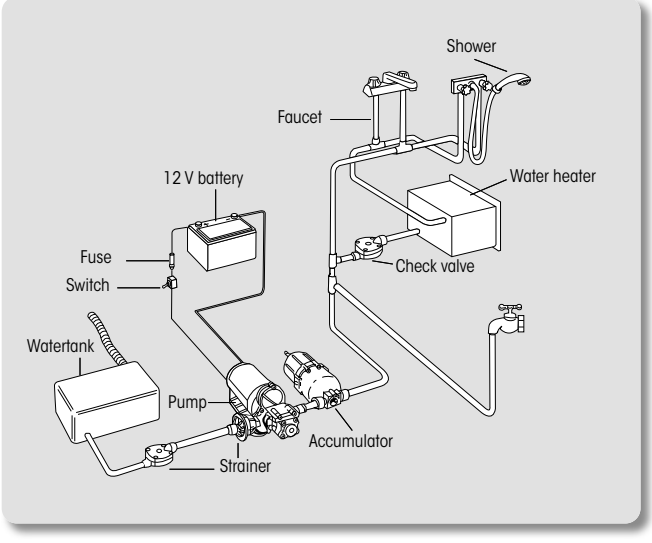
It is not self-priming and must be equipped with an in-line switch and a 3 amp fuse.

- Thermal overload protection.
- 3/8" male barb inlet and outlet.

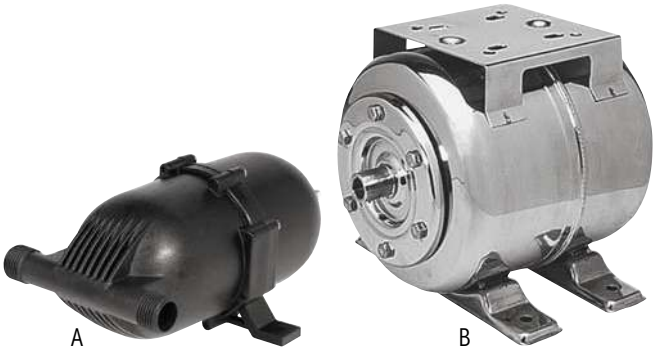
2-year warranty.

Model	Ideal for	Voltage	Ref.	Open flow	Max. pressure	Dimensions L x W x H (mm)	Cons.	Hose
Aqua King™ II Premium 4.0	4 water fixtures	12 V	**62369**	15.1 L/min.	3.8 bar/55 psi*	254 x 125 x 121	11 Amp.	Ø ½"
Aqua King™ Standard 3.0	3 water fixtures	12 V	**64520**	11.35 L/min.	3 bar/45 psi	207 x 125 x 105	5 Amp.	Ø ½"
Aqua King™ Junior 2.0	1-2 water fixtures	12 V	**64519**	7.6 L/min.	1.4 bar/20 psi	207 x 125 x 105	3 Amp.	Ø ½"
Nautilus 1.0	1 water fixture	12 V	**22954**	3.8 L/min.	1.7 bar/25 psi	122 x 66 x 49	2.5 Amp.	Ø 3/8"

* Max by-pass pressure 4.5 bar/65 psi



Accumulator tanks



Accumulator tanks

Pre-pressurised tank reduces the cycling pulsation and pressure spikes.
Increases the pump's lifetime and saves battery power.

Model		Ref.	Max pressure	Pre-charged pressure	Dimensions
Nylon 710 ml	A	**22959**	8.8 bar/125 psi	2.20 bar	L 232 x W 121 x H 97 mm
St. steel 8 Litres	B	**42997**	7.03 bar/100 psi	1.40 bar	H 230 x Ø 100 mm

Accessories

50 micron st. steel strainers

Prevent the intrusion into the pump of any debris or particle bigger than 50 µ.
Can be mounted at the entry of the water circuit or screwed directly onto the pump head (depends on model).
Stainless steel mesh screen for durability.
Transparent design shows when it is time to clean the bowl.
Easy disassembly, cleaning and reassembly.
Max. temperature : 48°C

	Ref.	Gasket	Inlet port	Outlet port	Accessoires included	Dimensions (H x L)
A	**42995**	Buna	½" NPT female	½" NPT female	2 fittings ½" NPT male / ½" barb.	130 x 91 mm
	42996	Buna	¾" NPT female	¾" NPT female	2 fittings ¾" NPT / ¾" barb	137 x 91 mm
B	**22955**	EPDM	Barb fitting for hose Ø 12 mm (½")	½" -14 NPSM female thread	-	61 x 81 mm
C	**22956**	EPDM	½" - NPSM male thread	½" - 14 NPSM female thread	-	61 x 76 mm
D	**22958**	EPDM	Barb fitting for hose Ø 12 mm (½")	Barb fitting for hose Ø 12 mm (½")	-	61 x 76 mm

Seawater strainer

Type	Ref.	Mesh	Fittings
On line	**414400**	Fine 40	Ø ½" (13 mm) ribbed
	414402	Medium 20	Ø ¾" (19 mm) ribbed

Anti-return valve connector

Brass body with spring-loaded valve. (st. steel spring).

Thread Ø	Ref.	External Ø	Length
1/2"	**422221**	30 mm	48 mm
3/4"	**429360**	37 mm	53 mm
1"	**429361**	44 mm	59 mm

Silence water pumps

Fresh water pumps meet most requirements on board.
- Self-priming : the pumps start as soon as water is being used.
- Engines in protection housing for maximum quietness.
- Vibration-absorbing rubber feet.

3 L/min - 12 V water pump

A

3/8" fittings.

Models 12.5 and 17 L/min

B

Feature a 4-chambre pump head for smooth flow.

	Voltage	Ref.	Open flow	Consumption	Bar*/PSI	Dimensions L x W x H
A	12 V	**53431**	3 L/min	2.5 Amp.	4.5 bar/65 PSI	165 x 100 x 63 mm
-	12 V	**56082**	8 L/min	4 Amp.	1.8 bar/25 PSI	210 x 110 x 120 mm
B	12 V	**53432**	12.5 L/min	7 Amp.	4.5 bar/35 PSI	210 x 108 x 98 mm
	12 V	**53433**	17 L/min	9.2 Amp.	2.8 bar/40 PSI	250 x 108 x 98 mm
	24 V	**53434**	17 L/min	3.5 Amp.	2.8 bar/40 PSI	250 x 108 x 98 mm

*1 PSI = 0.0703 bar.

Water pump system + accumulator

The accumulator regulates the water pressure in the network insuring years of service for the equipment.
Accumulator capacity : 8 litres.

Voltage	Ref.	Open flow	Consumption	Bar*/PSI	Dimensions L x W x H
12 V	**53435**	17 L/min	6 Amp.	2.80 bar/40 PSI	300 x 350 x 200 mm

*1 PSI = 0.0703 bar.

Each fresh water pump (except ref. 53431) comes with connector fittings kit including :
- Straight fitting for ½" hose.
- Elbow fitting for ½" hose.
- ½" straight threaded fitting.

Fittings with speedfit connectors and « O » ring for easy pump connection.

Water inlet strainer

53437

Mechanical elbow strainer with 12 mm (½") hose fittings.

Switch

58078

For fresh water pumps **53433** and **53434**.
12V - 20A.

Johnson Pump

A

B

C

It is recommended to install the WPS-pumps with an inlet strainer and an accumulator tank.

Aqua Jet WPS

The 5-chamber Aqua Jet WPS-series provides a reliable heart for small boat and recreational vehicle water pressure systems.
Compared to conventional 3 or 4-chamber diaphragm pumps, the Aqua Jet demonstrates dramatically lower noise and water pulsation characteristics.

- Pressure : 2.8 bar/41 psi
- In-/outlet terminal : ⅜" BSP / hose ½"

Spare parts

Straight fitting	*Elbow fitting*
*½" : **474473***	*½" : **474475***

	Model	Voltage	Ref.	Open flow	Cons.	Dimension L x W x H	Weight
A	**Aqua Jet WPS 2.9**	12 V	**476742**	11 L/min	10 Amp.	204 x 197 x 110 mm	1.6 kg
		24 V	**476743**	11 L/min	5 Amp.	204 x 197 x 110 mm	1.6 kg
B	**Aqua Jet WPS 3.5**	12 V	**476744**	13 L/min	10 Amp.	236 x 210 x 116 mm	2 kg
		24 V	**476745**	13 L/min	5 Amp.	236 x 210 x 116 mm	2 kg
C	**Aqua Jet WPS 5.2**	12 V	**476746**	20 L/min	15 Amp.	240 x 214 x 110 mm	2 kg
		24 V	**476747**	20 L/min	8 Amp.	240 x 214 x 110 mm	2 kg

Variable flow WPS

The ideal choice for pressurizing water in a closer system.
The digital controller adjusts water flow as the demand is increased and decreased while maintaining a very smooth flow.
The unique variable flow feature of the Flow Master pump allows the pump to be mounted without an accumulator tank and still maintain an even flow regardless if one or multiple taps are being used. Supplied with filter.

- Motor : WPS 5.0 – 150 W, 12/24 V DC (with integrated thermal protection).
- Body : Nylon/Polypropylene.
- Valves : Santoprene/EPDM.
- Diaphragm : Santoprene.

Model	Volt	Ref.	Open flow	Pressure	Inlet/Outlet Ø	Cons.	Dimensions L x W x H	Weight
Aqua Jet Flow Master	12 V	**473856**	19 L/min	3.5 bar/50 psi	½"-¾" (13-19 mm)	15 Amp.	239 x 209 x 113 mm	2 kg
	24 V	**473857**	19 L/min	3.5 bar/50 psi	½"-¾" (13-19 mm)	8 Amp.	239 x 209 x 113 mm	2 kg

Accumulator Tank

473155

2-litre accumulator tank.

- Dimensions : Ø 315 x 160 mm
- Fitting dimensions : ½"
- Weight : 1.2 kg

Aqua Jet Duo WPS

High demand unit with two parallel-connected Aqua Jet WPS capacity 40L/min fixed on a base with inlet strainers and a 2-litre pre-pressurized accumulator tank.

Model	Voltage	Ref.	Open flow	Pressure	Inlet/Outlet Ø	Cons.
Aqua Jet WPS Duo	12 V	**473126**	40 L/min	2.8 bar/41 psi	¾" (19 mm)	25 Amp.
	24 V	**473127**	40 L/min	2.8 bar/41 psi	¾" (19 mm)	15 Amp.

Specialty pumps

Johnson Pump CE

Grey waters

Viking Power 16 pump

Self-priming diaphragm pump designed to drain the bilge, shower or waste water.
Its compact design gives a very adaptable mounting and installation in the boat.
The pump can be set up in several different pump/motor configurations.

- **Self-priming** up to 3 m
- Supplied with 2 straight fittings : 1" and ¾".

Model	Voltage	Ref.	Open flow	Max. head	Consumption	Dimensions L x W x H	Weight
Viking Power 16	12 V	**477864**	16 L/min	3 m	2.3 Amp.	186 x 181/235* x 118/204* mm	2.6 kg
	24 V	**473992**	16 L/min	4 m	1.2 Amp.	186 x 181/235* x 118/204* mm	2.6 kg

*According to motor pump setup.

Features common to both pumps

- Easy to install, even in limited space.
- Quiet operation.
- Easy and economical maintenance.
- High-resistance fibreglass reinforced nylon body.
- Ball bearing transmission.
- Non-choke valves, no filter necessary.
- Can be run dry and pump air/water mixture.
- Robust single diaphragm.
- Low power consumption.
- Complies with ISO15083 and small craft bilge pump standards for vessels up to 12 m.

Viking 16 waste water tank

474893*

The Viking 16 waste water tank is designed to be used as collection tank for waste water from showers, sinks, dishwashing machines, with 19 mm, 25 mm and 38 mm inlet ports, and 19 mm and 25 mm outlet ports.
The tank includes an Ultima Switch for automatic operation and is easy to connect to any 12/24V pump up to 20 amp.
The tank is prepared for Viking Power 16, with pre-drilled holes for the pump.
Dimensions L x W x H : 340 x 280 x 185 mm

*Tank alone, supplied without pump.

Illustrated with pump

Transfer pumps

Water circulation pumps

Compact magnetic driven centrifugal pumps (CM10P7-1 and CM30p7-1) which combine high flow rates with very low electric current consumption.
Suitable for fresh water, ethylene glycol and salt water circulation.

Suitable for fresh and salt water circulation (Max. 100°C).

Model	Voltage	Ref.	Open flow	Inlet/Outlet Ø	Dimensions L x W x H	Weight
CM10P7-1 (protection IP67)	12 V	**473132**	15 L/min	⅝" (16 mm)	177 x 68 x 85 mm	0.53 kg
	24 V	**473131**	15 L/min	⅝" (16 mm)	177 x 68 x 85 mm	0.53 kg
	12 V	**473134**	18.5 L/min	¾" (20 mm)	177 x 68 x 85 mm	0.53 kg
	24 V	**473133**	18.5 L/min	¾" (20 mm)	177 x 68 x 85 mm	0.53 kg

A

B

C

Electric transfer pumps

Pumps ideally suited for use in boats as bilge and deckwash pumps, fresh water pumps, refuelling pumps for oil and diesel.
Do not use for petrol and its volatile derivatives, nor for solvents (fire risk).
Bronze body, (plastic body on F2P10-19 model), flexible nitrile oil resistant impeller.

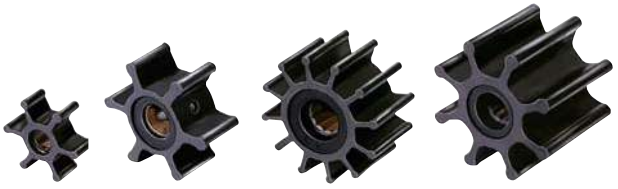
	Model	Voltage	Ref.	Open flow	Cons.	Inlet/Outlet Ø	Dimensions L x l x H	Weight
A	**F2P10-19**	12 V	**473142**	15 L/min	8 Amp.	Hose connectors int. Ø 1/2" (13 mm)	172 x 117 x 78 mm	1.6 kg
B	**F3B-19**	12 V	**473140**	21 L/min	8 Amp.	⅜" BSP female threading	170 x 100 x 82 mm	2.1 kg
		24 V	**473139**	21 L/min	4 Amp.			
C	**F4B-19**	12 V	**473138**	48 L/min	15 Amp.	½" BSP female threading or internal hose Ø 1" (25 mm)	202 x 120 x 90 mm	3 kg
		24 V	**473137**	48 L/min	8 Amp.			
			473108	*Spare impeller for pumps 473137 & 473138*				

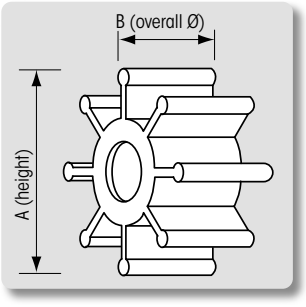
Ultra Ballast pump

Designed to quickly fill or, when reversed, drain a ballast tank at a rate of more than 45 L/min. Capable of pumping fresh or sea water. The pump's robust design can handle the rigors of continuous duty usage, is reversible, and has a built in thermal overload for added protection. Care not to run dry for extended periods of time will increase the pump longevity and ensure reliable performance for many years. Bronze body, hose Ø 1"/ ½" BSP.

Model	Voltage	Ref.	Open flow	Dimensions L x l x H	Weight
Ultra Ballast	12 V	**474889**	52 L/min	202 x 120 x 90 mm	3 kg

Impellers





Spare impellers for Johnson pumps

Material	Shaft type	Ref.	Shaft Ø	No. blades	A	B	Pump type	Ref. Johnson
Nitrile		**473108***	8 mm	6	51 mm	22 mm	F4	09-824P-9
Neoprene		**473091**	10 mm	6	40 mm	19 mm	F35**	09-806B-1
		473113	12 mm	6	40 mm	19 mm	F35**	09-808B-1
		473112	12 mm	6	51 mm	22 mm	F4**	09-810B-1
		473110	13 mm	6	51 mm	22 mm	F4**	09-1026B-1
Neoprene		**473192**	16 mm	12	57 mm	31.5 mm	F5**	09-1027B-1
		473103	16 mm	8	65 mm	50.2 mm	F7**	09-1028B
		70994	16 mm	8	65 mm	50,2 mm	SPX	09-1028B-1

* Spare impeller for pumps ref. 473137 & 473138.

** Supplied with gasket.

The impeller feeds the water through the motor cooling circuit. It is therefore an essential safety part which must be replaced every year. Use exclusively a genuine Johnson impeller which will guarantee a perfect fit on your pump.

Washdown and livewell

Johnson Pump CE

Aqua Jet WD pump kit

473476 : 12 V/20 A
473478 : 24 V/10 A

Aqua Jet 5.2 pump WD - 20 L/min - 5 bar/70 psi
Motor : 185 W with thermal protection and nitrile valves.
Supplied with :

- 1 coiled hose up to 7.50 m with fittings
- 1 spray nozzle
- 1 through deck kit
- 1 control box with illuminated panel switch and protection fuse

Aqua Jet WD/ Livewell pump kit

473477

Aqua Jet 5.2 pump WD - 20 L/min - 5 bar/70 psi

Motor : 185 W with thermal protection and nitrile valves.
Supplied with :

- 1 coiled hose up to 7.50 m with fittings
- 1 spray nozzle
- 1 through deck kit
- 1 control box with illuminated panel switch and protection fuse
- 1 12 V Twin Port livewell pump - 32 L/min – ¾" ground connection – ¾" and ½" outlet
- 1 oxygenator for the livewell

Cartridge aerator pump

474516

12 V livewell pump, 32 L/min - 500 GPH with 90° intake.
Smaller profiles to fit in more confined spaces.

attwood genuine ingenuity

3 year Warranty

Tsunami livewell aerator kit

66590

Aerator kit recirculates livewell water to keep it cooler and rich in oxygen.

Self-contained system feeds a separate aerator spray head.
Also allows filling or emptying the livewell quickly and easily.

Aerator kit includes :

- Tsunami TS500 aerator pump
- Adjustable aerator spray head. Side-mounting with 90° elbow connector : fits the most space restricted areas. Suitable for bulkheads 16 mm thick max.
- Stainless steel strainer
- Hose : Ø 19 mm, length 58 cm
- 2 plastic hose clamps
- Straight thread-to-barb connector

Removable motor cartridge for easy cleaning and replacement.

T500 Tsunami pump :

- 12 V pump
- Open flow : 2080 L/h
- Output at 1 m : 1363 L/h
- Max. head : 2.43 m
- Consumption : 1.4 Amp.
- Fuse : 3 Amp
- Pump dimensions : 89 x 92 x 73 mm (W x H x Ø)

Ignition protected
ISO 8846

Fresh
or sea water

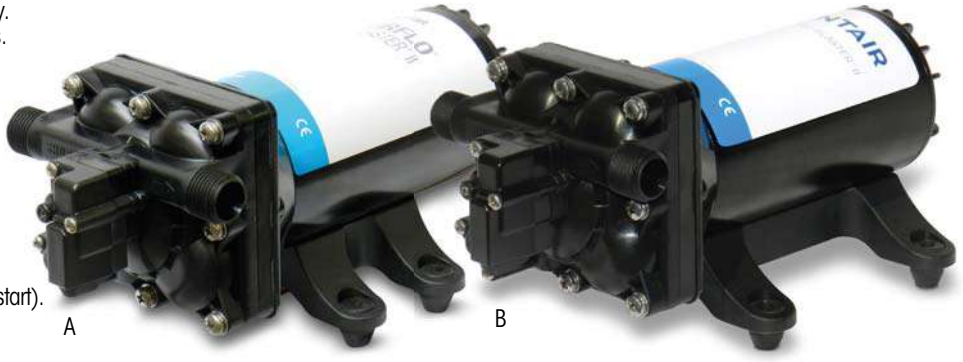
SHURflo
Pentair Water

ProBlaster™ II pumps

CE 2 year Warranty

Generation II high-flow automatic diaphragm pumps.
Specifically re-engineered to achieve high flow performance, durability and reliability.
Providing high volume and high velocity spray.
Ideal for the toughest washdown applications.

- 4-chamber design, for silent operation and regular flow.
- Excellent protection against marine environment : corrosion-resistant coated seamless motor shell and sealed switch, composite baseplate.
- Self-priming up to 1.82 m.
- Can run with hot water (up to 54°C).
- Can run dry without damage.
- Thermal overload protection (with automatic restart).
- Intermittent duty.
- 1/2" - 14 NPSM male ports.



	Model	Voltage	Ref.	Open flow	Max. pressure	Consumption	Dimensions L x W x H
A	**Deluxe 4.0**	12 V	**63735**	15.1 L/min	4.1 bar/60 psi	10 Amp	254 x 125 x 122 mm
B	**Ultimate 5.0**	12 V	**62370**	18.9 L/min	4.1 bar/60 psi	14 Amp.	254 x 125 x 121 mm
		24 V	**63654**	18.9 L/min	4.1 bar/60 psi	7 Amp.	254 x 125 x 121 mm

Blaster™ II washdown pump

66440

High flow pump for all toughest marine washdown applications.
Fresh or sea water.

- 4-chamber pump head for silent operation and high velocity spray
- Can run dry without damage
- Durability and reliability : over-moulded single-piece diaphragm and sealed switch. Polypropylene housing, santopren diaphragm and composite base plate.
- Intermittent duty, self-priming up to 1.82 m
- Thermal overload protection, automatic restart
- Ignition protected (ISO 8846)
- Can run with hot water up to 54°C

Pump comes complete with two straight hose barb fittings 3/4" (19 mm) + 14NPT 1/2" female wingnut and one 3/4" NHR male straight fitting + 14NPT ½" female wingnut.

Model	Voltage	Ref.	Open flow	Max. pressure	Consumption	Dimensions L x W x H
Blaster™ II	12 V	**66440**	13.2 L/min	3.1 bar/40 psi	7.5 Amp.	228 x 125 x 105 mm

ProBlaster™ II washdown kit

Includes :

- 12 V ProBlaster™ II Deluxe pump, 15 L/min open flow, self-priming.
- Gnition protected ISO 8846.
- Connectors, strainer and nozzle with adjustable flow.
- 7.60 m flexible coiled hose.

Model	Voltage	Ref.	Open flow rate	Max. pressure	Consumption	Dimensions L x W x H
Washdown Kit Deluxe II	12 V	**63575**	15.1 L/min	4.1 bar /60 psi	10 Amp.	254 x 125 x 122 mm

Options & accessories

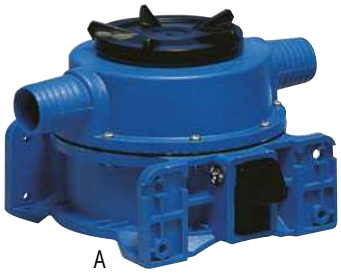
- **Flexible coiled hose**
  47505
  7.6 m hose for ProBlaster pump.
  3 bar pressure.
  Suitable for fresh or sea water.

- **Spray nozzle**
  47867
  Adjustable water flow.
  3 bar pressure.
  Suitable for fresh or sea water.

Bilge pumps

Manual pumps

Corrosion, electrolysis and fuel resistant bilge pumps. Of rugged construction, they produce high capacity output with the convenience of many mounting positions (see drawings).


A

B

C

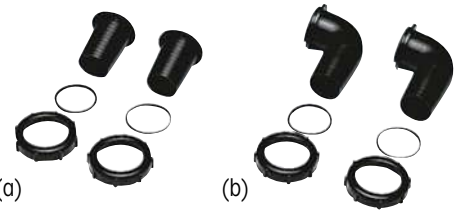
- Self-priming and leak free.
- Quick release inspection cover for added safety.

Model Photo	**Single action** **A**	**Single action** **B** shown on photo with outlet elbows.	**Double action** **C**
Reference of pumps	**11723**	**11722** supplied without outlets. See below.	**11724**
Kit of 2 straight outlets (a) **Kit of 2 outlet elbows (b)**	Built-in outlets.	**17491** **17492**	Outlets supplied with pump.

Model	**Single action** **11723**	**Single action** **11722**	**Double action** **11724**
Weight	0.965 kg	0.990 kg	1.840 kg
Capacity output at 1 m height	36 L/min*	36 L/min*	58.5 L/min*
Maximum lift	3 m	3 m	3 m
Hose diameter	38 mm	38 mm	38 mm

*± 0,05 L (as per ISO 15083 : 45 strokes/min at a 1 m head, 10 kPa pressure).

The double action pump is equipped with outlet elbows, swivelling on 220°, thus allowing all mounting positions and reducing the clearance required (290 mm to 400 mm maximum). The outlet elbows are screwed and fitted with an O-ring for perfect watertightness and added safety (quick release facility). Straight outlets 17491 and elbows 17492 can also be mounted on pump C, which allows pumping in two different locations on the boat, while having only one waste water outlet.


(a) (b)

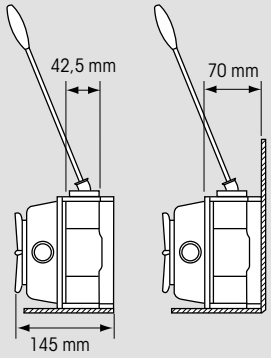
Choice of outlets for single action pump 11722.

Parts common to the 3 pumps

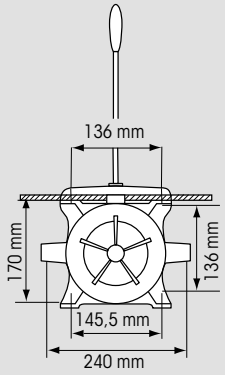
- Cover alone : **12611**
- Spare handle, length 40 cm : **14315**
- Hose diameter 38 mm : **66896**
- Handle stowage clips : **16702**
- Screw cap for back part of pump : **18040**
- Spare diaphragm : **16217**
- Set of spare valves (input/output) : **16213**

- Watertight gasket with cover complying with IOR rule : **14263** (see drawing)

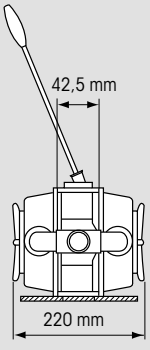
Single action without watertight gasket



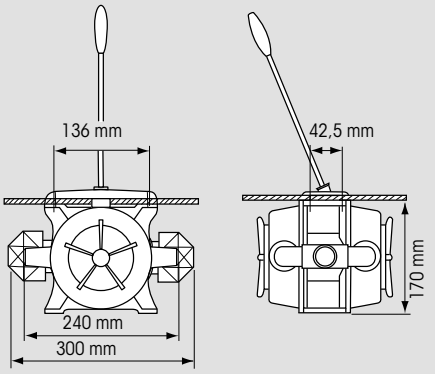
Single action with watertight gasket



Double action without watertight gasket



Double action with watertight gasket



Diaphragm pump
12760

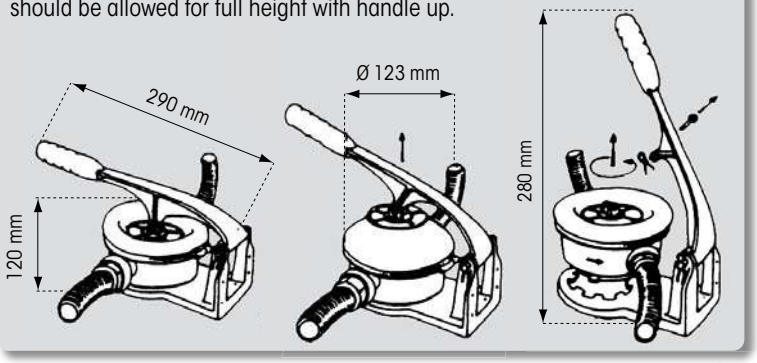
Moulded in highly resistant plastic ; all metal parts in stainless steel. Easily removable diaphragm. Multi-mounting position bilge pump.

Up to 8 possible mounting positions.
Horizontal or vertical mounting.
Pump comes complete with 2 outlets Ø 25 mm.

- Output : 22,5 L/min (as per ISO 15083 : 45 strokes/min at a 1 m head, 10 kPa pressure).
- Maximum lift : 3 m.
- Weight : 0.500 kg.
- Hose diameter : 25 mm.

MADE BY PLASTIMO

To have access to the pump chamber, pull handle in upright position. Remove the pin which secures the handle onto the diaphragm and turn the pump body anti-clockwise until free. When mounting the pump, clearance should be allowed for full height with handle up.



Options & spare parts

- ***25 m hose Ø 25 mm : 66894***
- ***Repair kit (diaphragm + valves) : 16218***
- ***Outlet for hose Ø 25 mm : 16220***
- ***Spare diaphragm : 16219***
- ***Spare handle : 16221***

Viking Universal manual bilge pump
65638

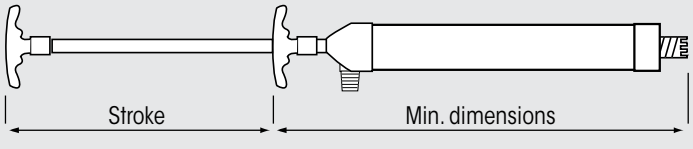
Heavy duty, self-priming, hand-powered bilge pump.

Designed for bilge applications and waste water handling in marine environment.
Suitable for nearly any type of installation. Mounting bracket allows for **vertical or horizontal surface mounting**.

Includes 2 straight + 2 elbows 90° connectors. Hose connectors and even pump body can easily be rotated for optimal positioning.

Large valves Ø 38 mm (1"½) enable the pump to be used for toilet waste.

- Flow/output : 60 L/min (as per ISO 15083 : 45 strokes/min at a 1 m head, 10 kPa pressure).
- Flow direction can be chosen by user, simply by changing position of inlet and outlet ports in the pump body.
- Body and cover : polypropylene reinforced with 30 % fiberglass.
- Diaphragm and valves : Nitrile rubber.
- Handle and shafts : stainless steel.
- Max. liquid temperature : +60° C.
- Weight : 1.5 kg.



Hand pump

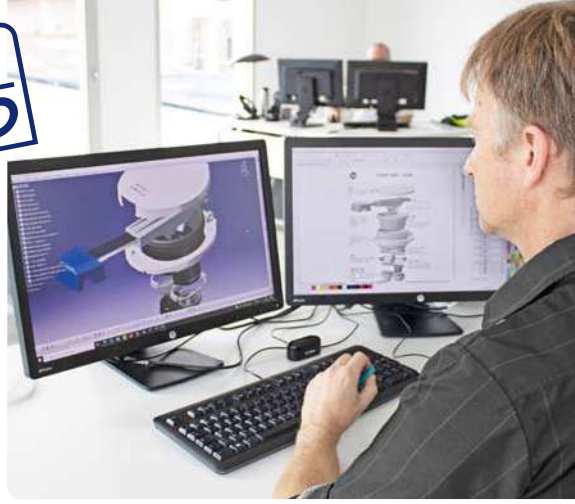
Pump alone	Pump + 1 m hose	Output per stroke	Min. dimensions	Stroke
14089	**27074**	0.50 L	480 mm	330 mm
14105	**27075**	0.75 L	630 mm	480 mm
14090	**27076**	1 L	790 mm	640 mm

25 m hose Ø 25 mm : **16209**

Manual pumps

Plastimo bilge pumps have been designed in cooperation with boatowners and engineered by the Plastimo Research and Development team.

DESIGNED BY PLASTIMO



ISO 15083

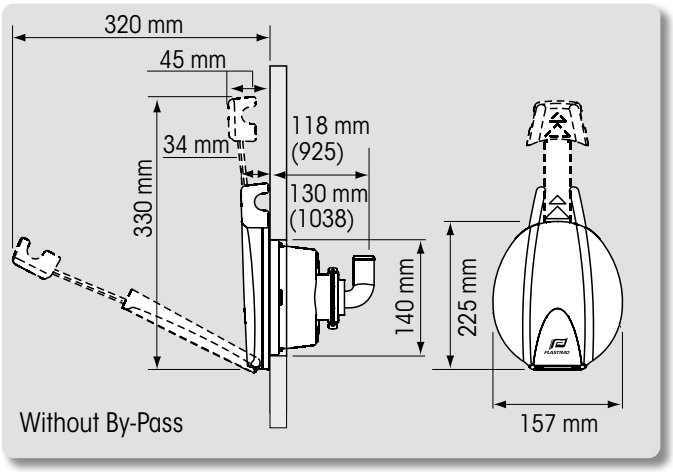
Without By-Pass

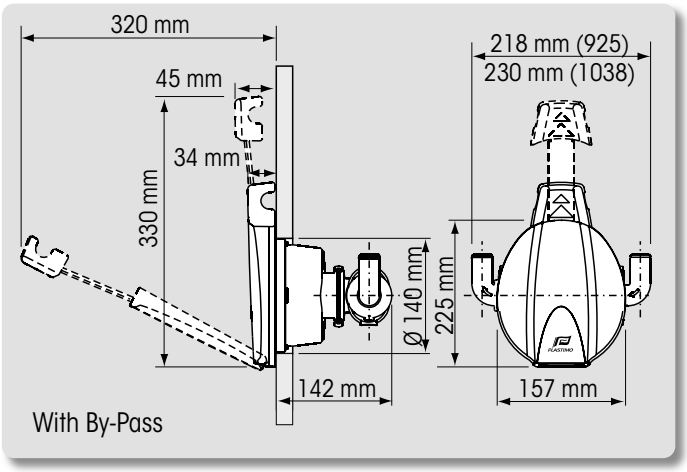
With By-Pass

Pump 925 and 1038 : with telescopic handle

Bilge pump with telescopic handle, for efficient and more comfortable pumping. A version with By-Pass connector allows the connection of both a hand pump and an electric centrifugal on a single water circuit.*

*Not suitable for a diaphragm or a flexible impeller electric pump.





See By-Pass connector on following pages

Pump model	Pump 925 without By-Pass	Pump 925 with By-Pass	Pump 1038 without By-Pass	Pump 1038 with By-Pass
Reference	**39539**	**53058**	**39541**	**53059**
Output	0.9 litre per cycle		1 litre per cycle	
Capacity, as per ISO 15083 standard (45 strokes per minute, with a 10 kPA depression)	40.5 litres/minute		45 litres/minute	
Weight	0.920 kg	1.050 kg	0.920 kg	1.050 kg
Hose diameter	Ø 25 mm (1")		Ø 38 mm (1 1/2")	
Supplied with :	2 elbow fittings with valve (inlet & outlet)			

Compact
- The Plastimo pump is very compact and the 90° position of the outlets allows installation where space is limited or access difficult.
- Outlets swivel through 360° and therefore adapt perfectly to the pump position in relation to the strainer and thru-hull fitting.

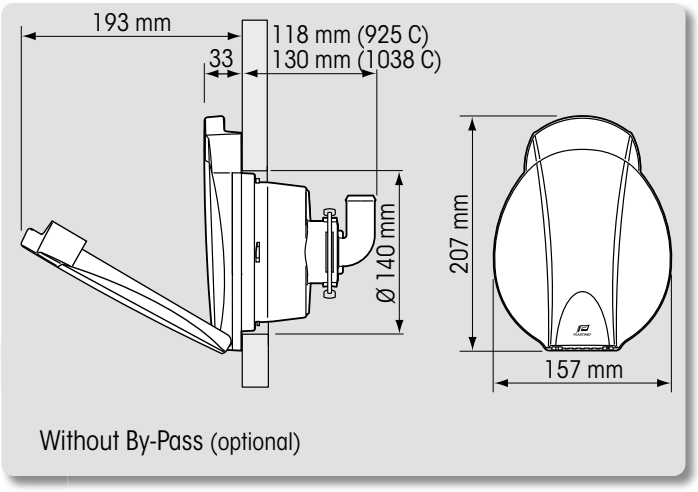
Optimum safety
- No hassle looking for the handle at the critical moment : the Plastimo bilge pump is always ready-to-pump, thanks to its fully integrated handle.
- In case the diaphragm would leak, the water is rejected in the cockpit (not in the bilge), so you can't help noticing it immediately.

Simple installation and maintenance
- Installing the pump is extremely simple : all done from the cockpit.
- The diaphragm can be removed within seconds ; no need to take down the whole pump. This facilitates the cleaning of the pum body (remove small stones and other possible objects clogged in the pump) and enables the replacement of the diaphragm if necessary.
- Construction from materials impervious to UV-rays, impact and weather resistant.

Design
- One obviously expects from a pump that it should first and foremostbe efficient... In addition to the remarkable technical performance Plastimo has paid a particular attention to design and aesthetics, building on years of expertise in composite materials and plasticengineering. The result is a stylishly designed pump, which matchesvery nicely the cockpit of modern boats.

Pump 925C & 1038C : compact with integrated handle

Very compact pump with the handle integrated in the cover.
Suitable for connection to an optional By-Pass (see following pages).



Without By-Pass (optional)

Option : 53060
By-Pass connector

Pump model	**Pump 925C** without By-Pass	**Pump 1038C** without By-Pass
Reference	**55764**	**55765**
Output	0.9 litre per cycle	1 litre per cycle
Capacity, as per ISO 15083 standard (45 strokes per minute, with a 10 kPA depression)	40.5 litres/minute	45 litres/minute
Weight	0.750 kg	0.750 kg
Hose diameter	Ø 25 mm (1")	Ø 38 mm (1 1/2")
Supplied with :	2 elbow connectors with valves (inlet and outlet)	

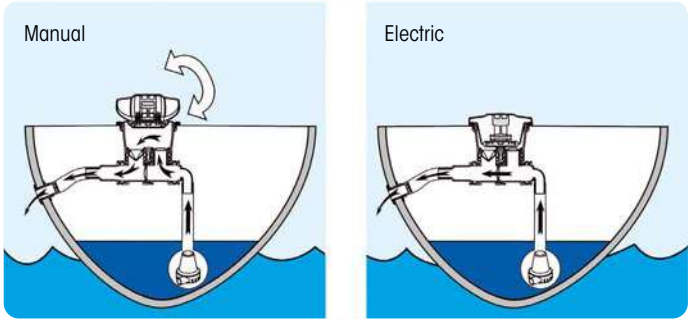
By-Pass, bilge pump connector

53060

The By-Pass adapts on pumps 925 & 1038 or 925C & 1038C and allows the connection of both a hand pump and an electric centrifugal* pump on a single water circuit.

*Not suitable for a diaphragm or a flexible impeller electric pump.

- **Simplified installation :** the single circuit common to both pumps is a major time/labour saving asset for boatbuilders.
- **Easy connection :** straight/elbow fittings with O-rings snap-in easily.
- **Minimal maintenance :** fittings snap off easily to remove debris or replace valves if necessary.

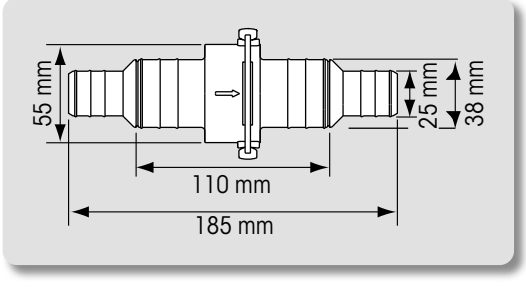


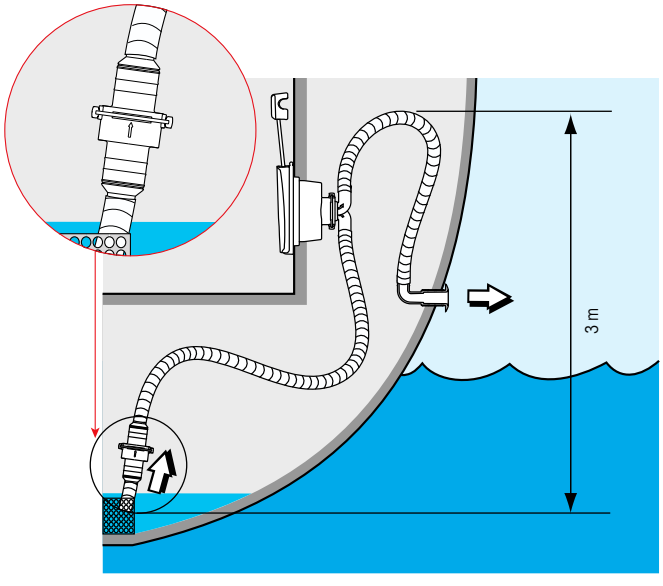
Outlet with non-return valve

42797

Prevents backflow into the bilges : mounted as close as possible to the strainer, the non-return valve locks up the water in the hose.

- Straight outlet for hose Ø 25 mm or 38 mm : simply sawing off the Ø 25 mm outlet.
- Bellows-type gasket (ref. : 40677 supplied as standard) allows debris such as seaweed or small cloth. Can be replaced by a flat gasket (see optional ref. : 40676).
- Polyamide valve + nitrile gasket, fuel resistant.





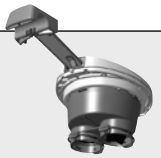
Various options are possible to set the outlet most adapted to your needs.

Accessories for bilge pumps

	PUMP 925C	PUMP 1038C	PUMP 925	PUMP 1038
Inlet valve	**40676**	**40676**	**40676**	**40676**
Outlet valve	**40677**	**40677**	**40677**	**40677**
2 fastening clips	**40678**	**40678**	**40678**	**40678**
2 elbow fittings (inlet + outlet) + "O" rings	**40679**	**40680**	**40679**	**40680**
Spare diaphragm	**40681**	**40681**	**40681**	**40681**
Spare cover	**55684**	**55684**	**40682**	**40683**

Fittings

Complete range of polyethylene fittings, suitable for all Plastimo bilge pumps and By-Pass connector.

Fitting	Ø mm	Ref.	55764 55765		 39539 39541		53060	
			Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
	Ø 19	**54556**	✔	-	✔	-	✔	✔
	Ø 25	**55767**	✔	-	✔	-	✔	✔
	Ø 28*	**55768**	✔	-	✔	-	✔	✔
	Ø 38	**55769**	✔	-	✔	-	✔	✔
	Ø 25	**54557**	✔	-	✔	-	✔	✔
	Ø 25	**42799**	-	✔	-	✔	✔	✔
	Ø 28*	**55770**	-	✔	-	✔	✔	✔
	Ø 38	**42798**	-	✔	-	✔	✔	✔
	Ø 28	**53062**	-	✔	-	✔	✔	✔
	Ø 25-38	**55135**	-	✔	-	✔	✔	✔

All fittings are supplied with "O" ring.

*Ø 28 - 1⅛" fitting available in kit. Includes one inlet and one outlet fitting : **53061**

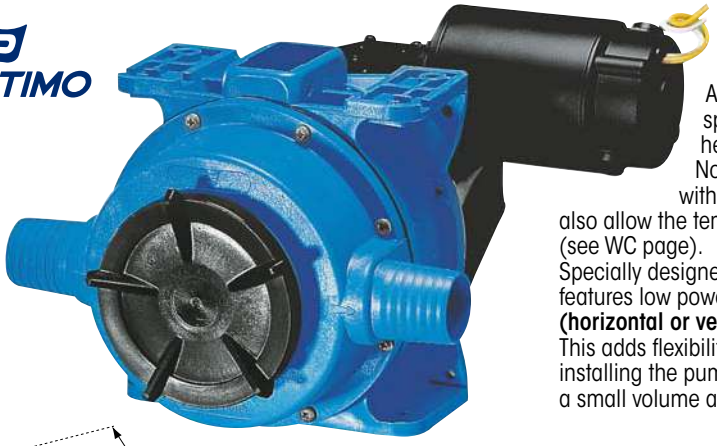
Waste water hose

PVC flexible hose reinforced with a PVC helical braid inlay.
Shockproof, lightweight and flexible.
Suitable for waste water.
Temperature range : -15° to +50°C.

Ref.	Int. Ø	Ext. Ø	Weight	Bend radius	Vacuum pressure	Length
66893	19 mm	23.80 mm	110 g/m	19 mm	3 mH_2O (300 mbar)	25 m
66894	25 mm	30 mm	140 g/m	25 mm		
66895	30 mm	35.4 mm	200 g/m	30 mm		
66896	38 mm	44.2 mm	270 g/m	38 mm		

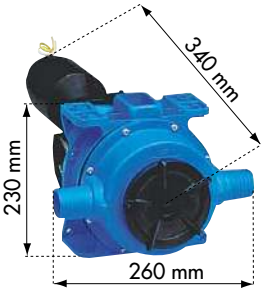
Electric bilge pumps

PLASTIMO



Electric diaphragm pump, for bilge, livewell and waste waters

A comprehensive range of self-priming pumps, specifically designed to drain the bilge, livewell, heads, shower or sink.
No filter is needed ; pump can therefore operate with no risk of seizing up the outlet pipes. These pumps also allow the temporary storage of waste water in a tank (see WC page).
Specially designed for the boaters' needs, the electric motor features low power consumption. It is easy to mount in **2 positions (horizontal or vertical)** and oriented in 8 different directions. This adds flexibility, especially when installing the pump in a small volume area.



The electric bilge and waste pumps feature the same advantages as the manual pump, i.e. : choice of outlets (18561 and 18562 models), quick release inspection lid for added safety.

Options

- *Kit of 2 straight outlets : **17491***
- *Kit of 2 elbow outlets : **17492***

- *Hose Ø 38 m, length 10 m* **: *66896***

Model	Voltage	Ref.	Open flow	Hose Ø	Cons.	Max. fuse	Weight
Built-in outlets	12 V	**18556**	35 L/min	38 mm	6 Amp.	20 Amp.	3.5 kg
Screw-on outlets*	12 V	**18561**	35 L/min	38 mm	6 Amp.	20 Amp.	3.5 kg
Built-in outlets	24 V	**18557**	35 L/min	38 mm	3 Amp.	10 Amp.	3.5 kg
Screw-on outlets*	24 V	**18562**	35 L/min	38 mm	3 Amp.	10 Amp.	3.5 kg

* Choice of outlets : straight or elbow (see options).

Johnson Pump

Ultima bilge pump

New generation bilge pump, patented and supplied with a straight and a 90° elbow fittings.

Model	Voltage	Ref.	Output at 1 m	Hose Ø	Cons.	Max. fuse	Dimensions L x W x H	Weight
600GPH	12 V	**477868**	32 L/min	¾"	2.5 Amp.	5 Amp.	142 x 82 x 105 mm	0.66 kg
800GPH	12 V	**477869**	38 L/min	¾"	3 Amp.	5 Amp.	142 x 82 x 105 mm	0.66 kg

Heavy Duty submersible pump

Automatic cartridge bilge pump.
Made from flexible plastic, resistant to micro-cracking.
Straight and 90° elbow Dura-Port fittings included.
- Diameter : 70 mm
- Height : 112 mm

Model	Volt.	Ref.	Output at 1 m	Hose Ø	Cons.	Max. fuse	Weight
500 GPH	12 V	**477867**	44 L/min	¾"	3 Amp.	5 Amp.	0.27 kg
750 GPH	12 V	**474491**	60 L/min	1 1/8"	3 Amp.	5 Amp.	0.32 kg

Submersible bilge pumps

Johnson Pump CE

L650

Ultima Combo L750
includes automatic switch

Heavy Duty L2200

Submersible bilge pumps

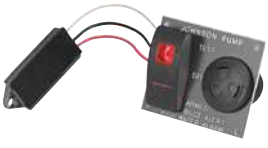
Pumps with stainless steel (SS2343) shaft and tough thermoplastic bodies provide for a long pump life.
Submersible bilge pumps are not self-priming and must be installed in the deepest part of the bilge. Supplied with fittings.

Automatic switch : only model Combo 750 L is supplied with an automatic switch originally fitted (switch is an optional extra for other pump models).

Model	Volt	Ref.	Output at 1 m	Max. head	Outlet Ø	Cons.	Max. fuse	Dimensions Ø x H	Weight
L450	12 V	**473117**	33 L/min	-	¾"	2.5 Amp.	5 Amp.	70 x 112 mm	0.27 kg
L650	12 V	**473116**	50 L/min	-	¾"	3.2 Amp.	5 Amp.	70 x 112 mm	0.27 kg
Ultima Combo L750	12 V	**475374**	60 L/min	-	1 ⅛" -1¼"	3 Amp.	5 Amp.	70 x 112 mm	0.45 kg
Heavy Duty L1600	12 V	**473120**	98 L/min	5 m	1 ⅛"- 1¼"	7 Amp.	10 Amp.	108 x 149 mm	1.3 kg
	24 V	**473121**	98 L/min	5 m	1 ⅛"- 1¼"	3.5 Amp.	6 Amp.	108 x 149 mm	1.3 kg
Heavy Duty L2200	12 V	**473119**	120 L/min	5 m	1 ⅛"- 1¼"	7.5 Amp.	12 Amp.	108 x 177 mm	2.7 kg
	24 V	**473118**	120 L/min	5 m	1 ⅛"- 1¼"	4.5 Amp.	6 Amp.	108 x 177 mm	2.7 kg

Options & Accessories

- ***Automatic switch***
  473202
  Switch activates at 50 mm fluid level and desactivates at 20 mm.
  Rated to handle pumps up to 20 Amp. at 12 or 24 V.
  Mercury-free.



- ***Bilge alarm***
  473203
  12 V alarm. Produces a clear visual and sound signal (90 dB).
  3-way switch : test, on, off + sensor with same features as Switch ref. 473202.
  Weight : 1.3 kg.

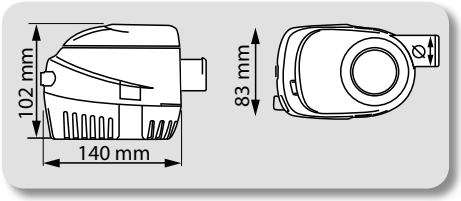
attwood genuine ingenuity

3 year Warranty

Sahara automatic bilge pumps

Combine sturdiness, simplicity of use and high efficiency :

- Motor is automatically operated by a reliable mechanical float swith (non toxic ; contains no mercury).
- Shaft seal and caulked wiring provide extra protection to the motor, preventing leak paths. The free flow of water around the motor housing keeps motor cool for extented life.
- 316 stainless steel motor shaft for saltwater corrosion resistance. Steel reinforced motor shaft ensures perfect alignment of shaft and seal, thus preventing leaks.
- Durable impeller is made of tough, high-impact, glass filled polyester.
- Re-inforced filter for optimum protection of the impeller.
- Test knob allows for easy and immediate operational check without disassembly.
- Compact size and low-profile design allow installation in tight places.



Model	Voltage	Ref.	Open flow	Output at 1 m	Max. head	Hose Ø	Cons.	Max fuse	Weight
S 500	12 V	**42908**	2156 L/h	1475 L/h	2.4 m	¾" - 19 mm	1.2 Amp.	3 Amp.	0.380 kg
S 750	12 V	**42909**	2496 L/h	1815 L/h	3.7 m	¾" - 19 mm	2.5 Amp.	5 Amp.	0.500 kg
	24 V	**477662**	2496 L/h	1815 L/h	3.7 m	¾" - 19 mm	1.2 Amp.	2 Amp.	0.500 kg
S 1100	12 V	**42910**	4047 L/h	3100 L/h	2.7 m	1-⅛" - 29 mm	3.4 Amp.	6 Amp.	0.500 kg

Bilge pump installation kit

57267

Kit includes :

- 1 Tsunami T500 pump.
- One 2-way swith (on/off) with plate.
- 1.5 m of flexible hose, int. Ø 19 mm (¾").
- One thru-hull fitting for hose int. Ø 19 mm (¾").
- 5 m of 2-conductor cable, 16 AWG gauge.
- 1 fuse holder with 2-amp fuse.
- 2 plastic hose clamps.

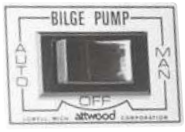
24193

424077

Float switch

Micro-switch. Must be fitted on any surface inclined at an angle of up to 24°. 12/32 V. 12 Amp.

- **Float switch : 24193**
  Dimensions (L x l x H) : 108 x 98 x 35 mm.
- **Float switch with cover : 424077**
  Dimensions (L x l x H) : 133 x 98 x 73 mm.



12 V bilge pump switch

13293

3-way switch (Auto, Off, Manual) for use with automatic pumps or pumps with a float switch.
Dimensions : 70 x 45 mm.
Installation hole size : 22 x 38 mm.

12 V bilge pump alarm

13261

Detects any abnormal operation of the bilge pump and produces a clear visual (red light) and sound (buzzer) signal.

12 V bilge pump alarm switch

13262

3-way system :

- Manual.
- Automatic : detects any abnormal operation of the pump, and produces a clear vision (red light) and sound (buzzer) signal.
- Stop : detects a water entry, produces a visual and sound alarm and triggers the pump simultaneously.
- Dimensions : 115 x 64 mm.

12 V water pressure system pump

10398

For bilge or shower drain. All metal parts are in marine grade stainless steel.
Can run dry without damage.
Dot not immerse.
Not suitable for watermaker and air conditioner power supply.
Flow : 18 L/min.
Self-priming at 2 m.
Inlet and outlet Ø : 19 mm.
Consumption : 7 Amp.
Dimensions : 155 x 100 x 150 mm.
Strainer and silent blocks included.

Universal bilge switch

62275

Features an electronic level sensor which has been engineered to operate in any bilge water mixture.
Fully sealed electronics.
No moving parts.
Compatible with all 12 V pumps up to 20 A.
Can be mounted on the floor or on a bulkhead without specific bracket.

attwood genuine ingenuity

CE

3 year Warranty

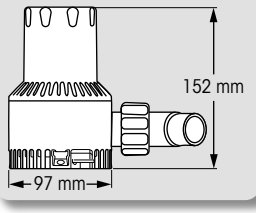
ISO 8846 : Ignition protected motor

Heavy Duty submersible bilge pumps

Rugged ABS construction, designed for intensive use on board commercial/work boats.
Corrosion and chemical housing resists impacts and hull pounding.
Parabolic chamber design moves water around housing : this helps cool the motor, decreases power consumption and prolongs motor life.
High-efficiency permanent magnet motor utilizes composite brushes and lubricated bearings.
Easy installation : the mounting bracket can be installed in a variety of positions and the pump mounts to the bracket with a click-lock feature. Easy maintenance : the powerhead, pump chamber and mounting bracket are detachable for easy cleaning.
ABYC compliant, NMMA type.

External dimensions are the same for all 3 models.
ISO 15083 standard requires the following minimum performance, at a 1 m height :
Boat ≤ 6 m : 600 L/hour.
Boat ≥ 6 m : 900 L/hour.
Boat ≥ 12 m : 1800 L/hour.

External dimensions are the same for all 3 models.

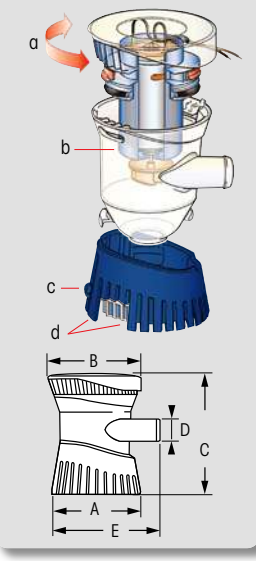


Model	Volt	Ref.	Open flow	Output at 1 m	Max. head	Hose Ø	Cons.	Max. fuse	Weight
HD 1700	12 V	**29387**	5700 L/h	4180 L/h	3.4 m	1⅛"	5.1 Amp.	10 Amp.	1.5 kg
HD 2000	12 V	**29388**	6840 L/h	5700 L/h	4.8 m	1⅛"	6 Amp.	12 Amp.	1.540 kg
HD 2000	24 V	**31309**	6840 L/h	5700 L/h	4.8 m	1⅛"	2.9 Amp.	7 Amp.	1.540 kg

Tsunami electrical pumps

Performant and designed to last : Protected motor and wiring, to prevent water damage and corrosion. Free-flowing water around the pumps motor housing (B). It keeps motor cooled and extends the pump lifetime.
Easy maintenance : double-filter base (D) to resist clogging. Quick and easy maintenance and replacement, even in tight spaces : a handy base tab (C) enables to unlock filter from housing.
The motor cartridge locks and unlocks easily with one-hand access, twist-to-lock (A).
Simple installation : no mounting brackets necessary, fixing holes are located directly on the base of the pump. Supplied assembled, ready for installation.

- Permanent-magnet motor.
- 316 stainless steel axis.
- 90-cm tinned electrical wire for corrosion resistance.



Model	Volt	Ref.	Open flow	Output at 1 m	Max head	Hose Ø	Cons.	A mm	B mm	C mm	D mm	E mm	Weight
T500	12 V	**186481**	2090 L/h	1368 L/h	2.4 m	¾"	1.4 Amp.	70	73	92	19	79	240 g
T800	12 V	**186482**	2888 L/h	2280 L/h	3.3 m	¾"	2.5 Amp.	80	82	111	19	89	427 g
T1200	12 V	**186483**	4180 L/h	3078 L/h	2.7 m	1⅛"	3 Amp.	80	82	111	28	95	438 g
T1200	24 V	**477664**	4180 L/h	3078 L/h	2.7 m	1⅛"	1.3 Amp.	80	82	111	28	95	438 g

See complete livewell pump kit including oxygenator and water recycling, Page 406.

Tsunami aerator pump

Dual motor fixing and quarter-turn holder plate. The motor-pump set is interchangeable with Tsunami pumps of equivalent power. Overall dimensions are identical for all models.
Permanent-magnet motor, st. steel axis, corrosion-resistant 90 cm electrical wire.

Model	Volt	Ref.	Open flow	Output at 1 m	Max. head	Hose Ø	Cons.	Max. fuse	Pump Ø	Dimensions W x H
T500	12 V	**472085**	2090 L/h	1368 L/h	2.4 m	¾" ID	1.4 Amp.	3 Amp.	73 mm	89 x 92 mm
T800	12 V	**472086**	2850 L/h	2109 L/h	2.4 m	¾" ID	2.5 Amp.	4 Amp.	83 mm	89 x 112 mm

Submersible bilge pumps

SHURFlo Pentair Water

Protected motor and wiring, to prevent water damage and corrosion.
Water cooled motor for extended lifetime.
Tough Nylon housing, anti airlock and ignition protected - **ISO 8846**.
ABYC, NMMA type and CE compliant.

3 year Warranty

Model	Volt	Ref.	Open flow	Output at 1 m	Cons.	Outlet Ø	Dimensions
Bilge 380	12 V	**478538**	1430 L/h	1157 L/h	1.7 A.	¾" - 19 mm	114 x 95 mm Footprint Ø 86 mm
Bilge 500	12 V	**478539**	1890 L/h	1464 L/h	1.8 A.	¾" - 19 mm	
Bilge 700	12 V	**478540**	2650 L/h	2043 L/h	3.2 A.	¾" - 19 mm	
Bilge 1000	12 V	**478541**	3050 L/h	2861 L/h	3.4 A.	1 1/8" - 29 mm	

Float switch

Automatic float switch, contains no mercury.
Corrosion resistant and explosion proof material.
Can be used with most pumps, water bilge systems and other alarm systems.

Volt	Ref.	Dimensions	Amp. max.
12/24 V	**478570**	112 x 92 x 32 mm	12 Amp.

A

B

Submersible bilge pumps

Impact resistant plastic, impervious to detergents and motor fuels.
The motor is totally enclosed in a rubber boot, providing increased efficiency and cooling.
Motor and propeller mounted on aluminium plate.
Can be converted into fully automatic pumps with the addition of a float switch.

	Model	Volt	Ref.	Output at 1 m	Cons.	Fuse	Outlet Ø	Dimensions H x Ø	Weight
A	**400**	12 V	**16226**	1520 L/h	3 A.	5 A.	¾" - 19 mm	117 x Ø 81 mm	0.500 kg
	600	12 V	**16223**	2280 L/h	4 A.	10 A.	¾" - 19 mm	135 x Ø 88 mm	0.620 kg
		24 V	**16224**	2280 L/h	2 A.	5 A.	¾" - 19 mm	135 x Ø 88 mm	0.620 kg
	1400	12 V	**16210**	5320 L/h	7 A.	10 A.	1 1/8" - 29 mm	165 x Ø 121 mm	0.950 kg
		24 V	**16211**	5320 L/h	3 A.	5 A.	1 1/8" - 29 mm	165 x Ø 121mm	0.950 kg
B	**1500**	12 V	**409042**	5700 L/h	8 A.	10 A.	1 1/8" - 29 mm	165 x Ø 121 mm	1.250 kg
		24 V	**409048**	5700 L/h	4 A.	5 A.	1 1/8" - 29 mm	165 x Ø 121 mm	1.250 kg
	2000	12 V	**409049**	7600 L/h	10 A.	15 A.	1 1/8" - 29 mm	165 x Ø 121 mm	1.350 kg
		24 V	**409050**	7600 L/h	5 A.	10 A.	1 1/8" - 29 mm	165 x Ø 121 mm	1.350 kg
	2500	12 V	**409051**	9500 L/h	15 A.	20 A.	1 ¼" - 32 mm	195 x Ø 132 mm	2.100 kg
		24 V	**409052**	9500 L/h	7,5 A.	10 A.	1 ¼" - 32 mm	195 x Ø 132 mm	2.100 kg
	3000	12 V	**409053**	11400 L/h	18 A.	20 A.	1 ¼" - 32 mm	195 x Ø 132 mm	2.400 kg
		24 V	**409054**	11400 L/h	9 A.	15 A.	1 ¼" - 32 mm	195 x Ø 132 mm	2.400 kg

Ball float switch

Ball float switch in resistant plastic casing. Contains no mercury.

Volt	Ref.	Dimensions	Amp. max.
12 V	**411975**	116 x 72 x 55 mm	12 Amp.

A

B

Automatic bilge switches

Automatic bilge switch, mercury-free. ISO 8846.

	Model	Voltage	Ref.	Amp. max.	Dimensions
A	**Cage-protected float switch**	12 V	**62296**	15 Amp.	155 x 85 x 85 mm
B	**Standard float switch**	12 V	**10525**	15 Amp.	110 x 70 x 50 mm

Drinkable water

Flexible water tanks for fresh water

The Plastimo high resistance flexible water tanks are a reliable, practical and low cost solution to the storage of fresh water on board. They are flexible, light and form-fitting, and can therefore be installed where it would not be possible to install a rigid water tank, due to the shape of the boat or difficult access.

The double envelope principle makes maintenance easy, as the inner chamber can be easily removed from the outerenvelope for routine cleaning and examination.

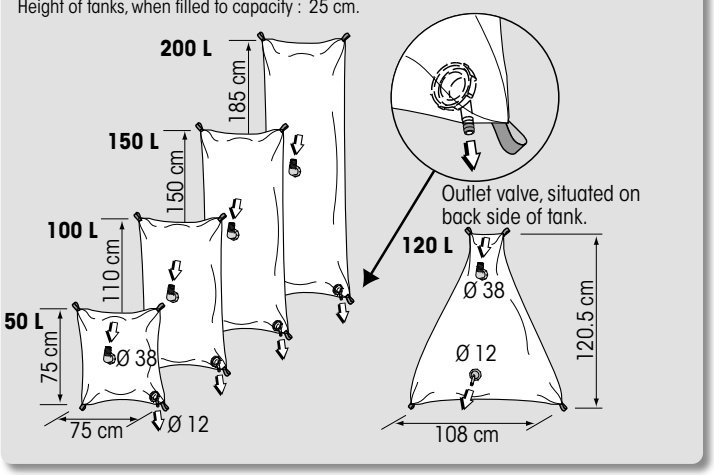
Tested and patented : a water chamber inside a tough envelope.
The Plastimo water tanks consist of a welded non-porous tasteless PU water chamber (inner bladder) inside a tough nylon envelope, for complete watertightness and resistance to tearing and abrasion.

Watertank, complete	Capacity	Dimensions
70967	35 L	Trapeze 55 x 70 mm
70963	50 L	750 x 750 mm
70965	100 L	1100 x 750 mm
70957	120 L	Triangulaire 1 205 x 1 080 mm
70966	120 L	Triangulaire. Spécial US
70955	150 L	1 500 x 750 mm
70956	200 L	1 850 x 750 mm

Spare inner bladder	For tanks
71031	**70967**
70958	**70965**
70962	**70957**
70959	**70966**
70960	**70955**
70961	**70956**

Water tanks are supplied complete, ready to install, with Ø 38 mm inlet fitting and Ø 12 mm outlet valves.

Ø 38 mm inlet valve is situated on upper side of tank ;
Ø 12 mm outlet valve is situated on back side of tank.
(except on triangular model : inlet and outlet are both on upper side of tank).
Height of tanks, when filled to capacity : 25 cm.



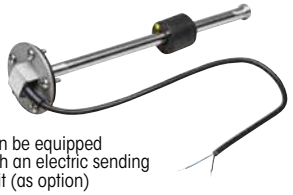
Accessories

- ***Spare set of elbow connectors : 19265***
  Ø 38 mm inlet fitting and Ø 12 mm outlet valve

Fresh water tanks

Fresh water tanks in high-density polyethylene.
Supplied with a polyamide multi-purpose plate.

Plate featuring :
- A 1½" water inlet (delivered as standard with a vent cap).
- A pickup fitting for hose Ø 17/19 mm (3/8" threaded).
- An additional ¼" threaded hole for a second pickup or a vent outlet.



Can be equipped with an electric sending unit (as option)

Dimensions in mm.

Fresh water tanks

Capacity	Ref.	Length	Width	Height	*Option : electric sending unit (10-180 Ohm)*	*Option : electric sending unit (240-30 Ohm)*
33 L	**62041**	500	350	230	***61999***	***62004***
42 L	**62044**	500	350	300	***62047***	***62048***
43 L	**62042**	650	350	230	***61999***	***62004***
53 L	**62043**	800	350	230		
55 L	**62045**	650	350	300	***62047***	***62048***
70 L	**62046**	800	350	300		

Large fresh water tanks

Capacity	Ref.	Length	Width	Height	*Option : electric sending unit (10-180 Ohm)*	*Option : electric sending unit (240-30 Ohm)*
70 L	**62038**	660	300	410 + 30*	***62003***	***62008***
100 L	**62040**	910	300	410 + 30*		

*Tank height + fittings.

Large fresh water tanks with partition

Capacity	Ref.	Length	Width	Height	*Option : electric sending unit (10-180 Ohm)*	*Option : electric sending unit (240-30 Ohm)*
70 L	**62039**	660	410	300 + 30*	***62047***	***62048***
100 L	**409755**	910	410	300 + 30*		

*Tank height + fittings.

Options & Accessories

- ***12 V electric gauge***
  10-180 Ohm : ***66471***
  240-30 Ohm : ***66472***

- ***Spare plate***
  52304

Fresh water tanks with 12 V pump

Made from high-density polyethylene.
Tanks delivered with a 12 V pump for sink or shower installation.
Feature a multi-purpose plate including :
- A 90 ° water inlet for hose Ø 38 mm.
- A fitting for pump hose (Ø 10 mm for 4L/mn pumps and Ø 12 mm for 12L/mn pumps).
- A fitting for vent hose.

Can be equipped with an electric sending unit (as option).

Self-priming pumps with pressure switch.
Dimensions 4L/mn model : 160 x 100 x 60 mm.
Dimensions 12L/mn model : 215 x 100 x 90 mm.

Pump model	Capacity	Ref.	Length	Width	Height	*Option : Electric sending unit (10-180 Ohm)*	*Option : Electric sending unit (240-30 Ohm)*
4L/mn	**39 L**	**62051**	550 mm	390 mm	200 + 70 mm*	***62049***	***62050***
	60 L	**62052**	850 mm	390 mm	200 + 70 mm*		
	77 L	**62053**	750 mm	390 mm	290 + 70 mm*	***62047***	***62048***
	107 L	**62054**	1050 mm	390 mm	290 + 70 mm*		
12L/mn	**60 L**	**62055**	850 mm	390 mm	200 + 70 mm*	***62049***	***62050***
	77 L	**62056**	750 mm	390 mm	290 + 70 mm*	***62047***	***62048***
	107 L	**62057**	1050 mm	390 mm	290 + 70 mm*		

*Tank height + fittings.

Example of use with a shower kit (available as option : 62017)

Deck shower

EZ Water

Unit includes :

- The ABS flushmount housing with splashproof cover. Rigid cover : ASA / ABS or flexible cover : thermosplastic elastomer.
- A chrome or white shower head.
- 3 m hose.

The shape of the housing has been contoured specifically to avoid the showerspray being accidentally activated. Safe opening and closing prevent the shower hose from uncoiling and potentially getting caught in the propeller.
Accepts most existing shower heads.

SHOWERHEAD + 3 m hose	Model	Rigid			Flexible
		White	Chrome	Black	White
WHITE	Round	**67202**	**67580**	**67542**	**69143**
	Square	**67203**	**67581**	**67543**	**69144**
CHROME	Round	**67592**	**67596**	**67594**	**69171**
	Square	**67593**	**67597**	**67595**	**69172**
Single housing (empty)	Round	**67312**	**67578**	**67540**	**69155**
	Square	**67313**	**67579**	**67541**	**69156**

White and Chrome covers : white housing - Black cover : black housing.

Options

- *12 V electric gauge*
  10-180 Ohm : ***66471***
  240-30 Ohm : ***66472***

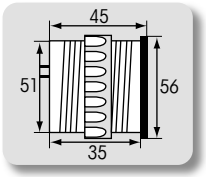
Jerrycan with spout

Manufactured from food quality polyethylene.

Capacity	Ref.	Length	Height	Width
10 L	**27239**	315 mm	310 mm	170 mm
20 L	**27240**	355 mm	375 mm	235 mm

Accessories & spare parts

12 V electric gauge



Impedance	Ref.	
10-180 Ohm	**66471**	CE
240-30 Ohm	**66472**	UL SA

Electric sending units

CE UL SA

Impedance	10-180 Ohm	240-30 Ohm
185 mm	**62049**	**62050**
200 mm	**61999**	**62004**
250 mm	**62000**	**62005**
270 mm	**62001**	**62006**
280 mm	**62047**	**62048**
300 mm	**62002**	**62007**
390 mm	**62003**	**62008**

A

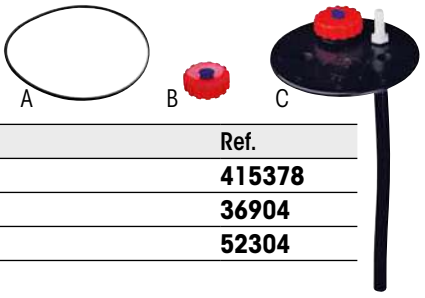
B

Hold-down kits

Helps securing tanks and rigid canisters (water or fuel tanks, battery boxes...).

	Description	Ref.
A	2 straps 1,50 m in polypropylene, width 40 mm. Closing clips and length adjustment. 4 polyamide webbing bridges.	**27871**
B	4 polyamide screw-type brackets, dimensions 110 x 65 x 65 mm (L x W x H). 2 adjustable webbing strap of 2,50 m, width 25 mm. Resistance 400 kg.	**476094**

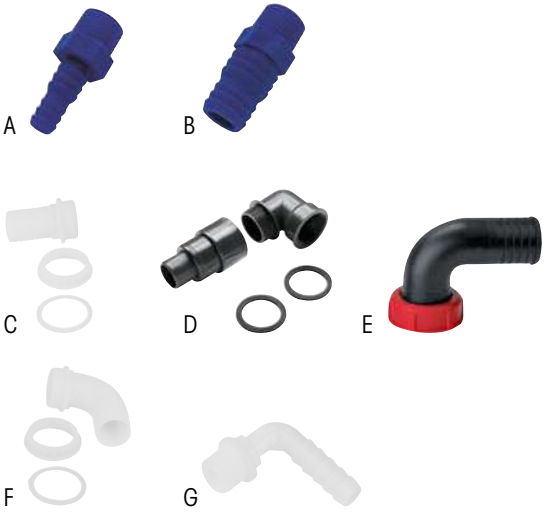
Spare parts


A B C

	Description	Ref.
A	Plate gasket	**415378**
B	Vent cap	**36904**
C	Support plate	**52304**

Fittings

	Description	Ref.	Thread Ø	Hose Ø
A	Straight outlet fitting	**50869**	3/8"	10/12 mm
B	Straight outlet fitting	**50870**	3/8"	17/19 mm
C	Straight inlet fitting with locknut	**50866**	1½"	38 mm
D	Set including an inlet 90° elbow fitting and a straight connector	**404405**	1½"	35/50/60 mm
E	Inlet 90° elbow fitting, 360° swivelling	**62013**	1½"	38 mm
F	90° elbow inlet fitting with locknut	**50867**	1½"	38 mm
G	90° elbow outlet fitting	**50868**	3/8"	12 mm


A B C D E F G

Water heaters

22 L, ref. 473014

60 L, ref. 473023

Compact water heater

Water heater with heat exchanger (to be connected to the propulsion engine). Power supply available from 220 V board circuit or from the engine cooling system.

- Plastic shell and integrated brackets for a quick and simple installation and a better shock resistance.
- 60 L model features a stainless steel belt around plastic shell
- Stainless steel AISI 316 inside tank and heat exchanger.
- Insulation : 50 mm thick injected polyurethane foam for a better thermal insulation and reduction of heat dissipation.
- Universal mount : horizontal or vertical.
- 6-bar safety and non-return valve.
- Stainless steel AISI 316 (1" 1/4 fitting) heating element, 800 W (1200 W for ref. 473025).
- 40-80° C regulating thermostat.
- Connectors : male 1/2" BSP.

Capacity	Ref.	Power	L x W x H mm	Weight
20 L	**473013**	220 V	430 x 366 x 358	7 kg
22 L	**473014**	220 V	558 x 287 x 297	8 kg
30 L	**473015**	220 V	540 x 366 x 358	9 kg
40 L	**220439**	220 V	660 x 366 x 358	11 kg
60 L*	**473023**	220 V	875 x 366 x 358	15 kg

* On 60 L model : stainless steel belt around plastic shell.

Accessory

Mixer tap kit : 475880

Spare parts

Description	Ref.
Safety valve, 6 bar	**54181**
220 V-800 W resistance	**22697**
220 V-80/100 L-1200 W resistance	**423462**
Water heater thermostat	**29437**

Sinks & washbasins

Stainless steel sinks

A

B

C

D

Round st. steel sinks

	Ref.	Description	Material	Finish	Internal dimensions
A	**18371**	Bowl sink	St. steel 18/10	Mirror polish	Ø 269 mm x depth 120 mm
B	**18373**	Straight vertical edges	St. steel 18/10	Mirror polish	Ø 300 mm x depth 180 mm
C	**18374**	Straight vertical edges	St. steel 18/10	Mirror polish	Ø 360 mm x depth 150 mm
D	**419234**	Bowl sink	St. steel 302	Smooth satin	Ø 260 mm x depth 130 mm
	410626				Ø 300 mm x depth 145 mm

For bungs, see page 466.

Rectangular st. steel sink

Comes complete with plug, chain and waste.

Ref.	Descrip.	Ext. dim.	Int. dim.	Depth	Waste Ø
418955	St. steel 302	320 x 350 mm	300 x 330 mm	150 mm	53 - off-centered

Stainless steel oval sink

Ref.	Overall dimensions L x W x D	Internal dimensions L x W x D
27292	385 x 265 x 130 mm	360 x 240 x 130 mm

Double sink

Double sink made from 302 stainless steel.
Waste not supplied, without overflow.

	Ref.	Description	Overall dim.	Bowl 1	Bowl 2	Depth	Waste Ø
A	**426254**	Large bowl on the left	608 x 368 mm	330 x 330 mm	235 x 330 mm	200 mm	53 mm - off-centered
B	**428306**	Large bowl on the right	608 x 368 mm	235 x 330 mm	330 x 330 mm	200 mm	53 mm - off-centered

A

B

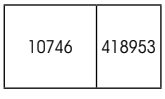
C

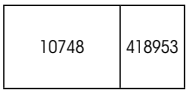
D

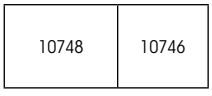
Stainless steel custom sinks

Stainless steel sinks, which in themselves make a very attractive addition to any galley. They can be fitted together in different combinations, allowing you to plan your galley to suit your own particular needs.

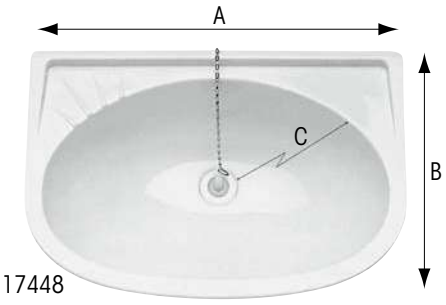
	Ref.	Overall dimensions L x W x D	Internal dimensions L x W x D
A	**10746**	320 x 260 x 150 mm	300 x 236 x 150 mm
B	**418953**	320 x 170 x 150 mm	300 x 150 x 150 mm
C	**10748**	350 x 320 x 150 mm	330 x 300 x 150 mm
D	**418957**	350 x 249 x 150 mm	330 x 236 x 150 mm



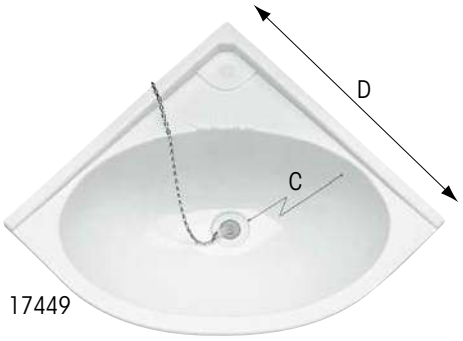




Plastic sinks



17448



17449

Polypropylene, shock and stain resistant.
Supplied without waste.

	Ref.	Description	Waste outlet Ø	A	B	C	D
A	**17448**	Washbasin	25 mm	395 mm	275 mm	130 mm	-
B	**17449**	Angle washbasin	25 mm	470 mm	300 mm	130 mm	330 mm

Accessory

Waste : 17450

Ø 28 mm.
For sinks 17448 & 17449,
includes plug and chain.

Wastes for sinks

A

B

C

D

E

	Ref.	Description	Outlet Ø
A	**402470**	Plastic elbow waste Ø 53 mm.	25 mm
	402485	Ø 53 mm special shower waste. Without plug, grille plate.	25 mm
B	**423618**	Straight waste Ø 55 mm. For round stainless steel sinks 419234, 410616, 419233, 418960.	Threaded outlet 38 mm
C	**416661**	Elbow plastic waste Ø 53 mm.	32 mm
D	**416662**	Straight plastic waste Ø 53 mm.	32 mm
E	**70592**	Plastic elbow waste + Plug	20-25 mm

Pipes and connectors

	Ref.	Description
A	**428912**	1 ½" x 40 mm straight outlet pipe.
	410652	1 ¼" x 32 mm elbow outlet pipe.
B	**410654**	1 ½" - 1 ¼" reducer.
C	**426253**	Nylon male/female straight connector. 1 ¼" x 20 mm.

A

B

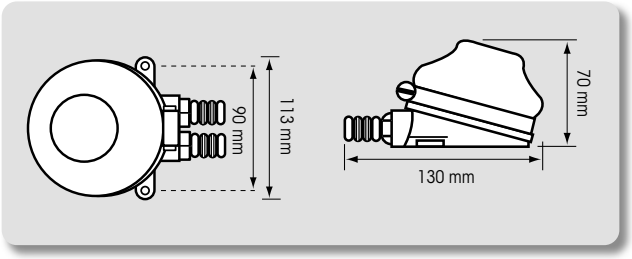
C

Waterpumps

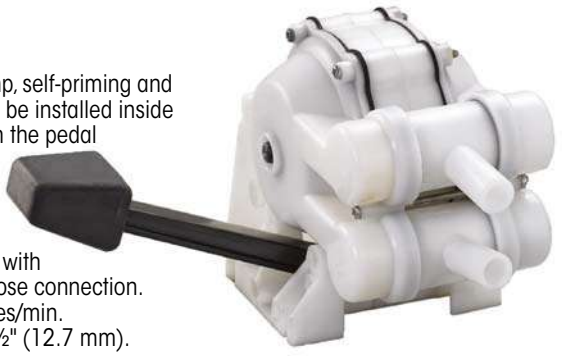
Baby foot pump
26951

Foot pressure is applied to the top of the synthetic rubber diaphragm.
- Flow rate : 3.4 litres/min.
- Hose diameter : 10 mm.

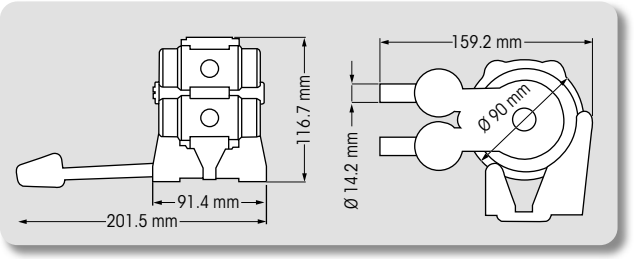
For use with swivel faucets 412967, 412932 & 412933.



Double action foot pump
17494



Foot operated pump, self-priming and double acting. Can be installed inside a locker space with the pedal only projecting.
Pump body in Delrin, springs in stainless steel.
Positioning is easy with quick adjustable hose connection.
- Flow rate : 15 litres/min.
- Hose diameter : ½" (12.7 mm).



Electric waterpumps

Submersible plastic pumps.

	Voltage	Ref.	Rated flow	Max. head	Amp	Outlet Ø
A	12 V	**401599**	7.5 L/min	4.9 m	2 A.	11 mm
B	12 V	**401618**	11 L/min	4.5 m	2.5 A.	9 mm - 11 mm

Filter

Coconut shell carbon filter
471892

In-line water-washed coconut shell carbon filter.
Long-lasting, eliminates odor and taste and reduces chlorine.
Inlet / Outlet : Ø ½" (13 mm).
Length : 279 mm - Ø 64 mm.
Max. pressure : 8 bar.
Duration : filters up to 27.000 L.

Aqua Clean water decontaminator

Suitable for drinking water and grey waters.

Decontaminates drinking water in tanks : avoids the proliferation of germs for 6 months with no need to add chlorine.
Approx. 5 hours after adding Aqua Clean, water is decontaminated of all microbes and infectious germs.

- **2211705 :** Aqua clean AC 20. 100 tablets of 20 litres, treats 2000 litres of water.
- **2211706 :** Aqua clean Quick. 100 tablets of 1 litre, treats 100 litres of water.
- **2211129 :** 50 ml bottle, treats 500 litres of water.
- **2211101 :** 100 ml bottle, treats 1 000 litres of water.
- **2211004 :** Powder format, treats 10 000 litres of water.

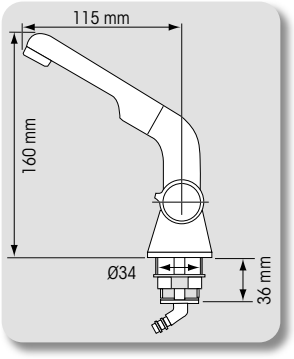
Chlorine-free, no taste, no smell.

Taps and faucets

Faucets with spout

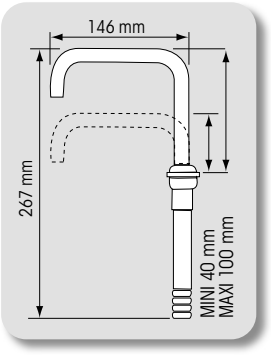
Swivel faucet
27304

Colour light grey. 45° pivoting base, swivelling spout. Only one water inlet. 3/8" connection, hose Ø 10 mm. For use with footpump 26951. Pressure : 2.5- 3 bar.



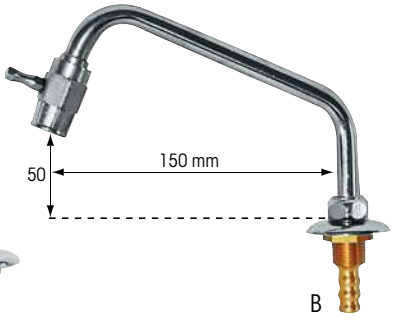
Telescopic swivel faucet
412967

Telescopic swivel faucet. Swivels through 360°. Includes a nylon adjustable shutter. Materials : anodized aluminium alloy and plastic. For hose Ø 10 -15 mm. For use with foot pump 26951.



Chrome brass faucet

	Ref.	Description
A	**414932**	Swivelling base. Ø 12 mm pipe. Height : 80 mm.
B	**414933**	Swivelling base. Ø 12 mm pipe. With ¼ turn nickel plated spout. Height : 50 mm.



Cold water taps

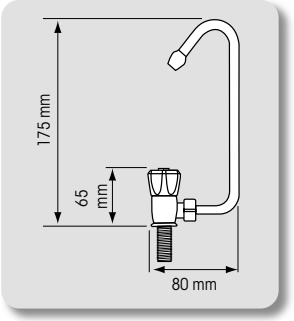
Spray tap
28768

Colour white.
Swivelling spout.
One knob : one water inlet (cold).
Pressure : 2.5 - 3 bar.
3/8" connection.

For a simple and efficient water supply on board, use tap 28768 in conjunction with a water pump (see Water Pumps pages).

Waterpump sold separately.

Folding tap
39462



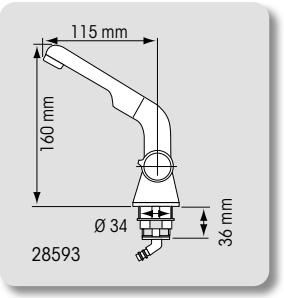
Mixer taps

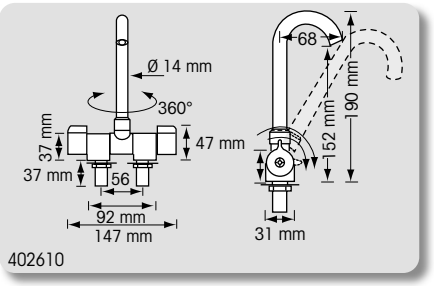
402610

28593

White swivel mixer tap

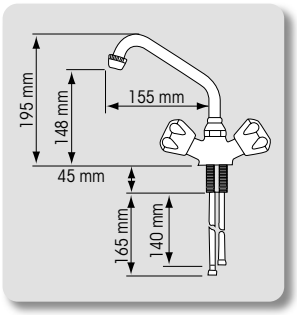
Ref.	Designation
28593	2-knob tap (hot/cold). Swivelling base and spout. Pressure : 2.5 - 3 bar.
402610	2-knob tap (hot/cold). Folding and directional spout. Ceramic mechanism. Body, spout and handle in white lacquered brass. Equally suitable for indoor or outdoor use.





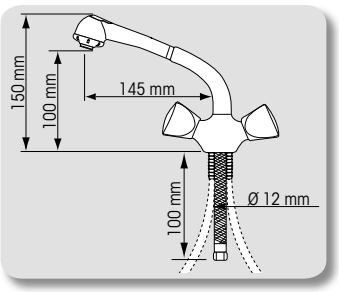
Swivel mixer tap
39464

Spout swivels on 360°.
Supplied with 2 x 30 cm metal plumbing hose and screw-type connectors.



Mixer tap with shower head
39465

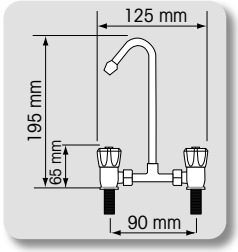
Can be used as a shower or as a standard tap.
Shower comes with 1.50 m.
Swivelling shower base.



Supplied with 2 x 20 cm metal plumbing hose and screw-type connectors.

Fold-down mixer tap
39463

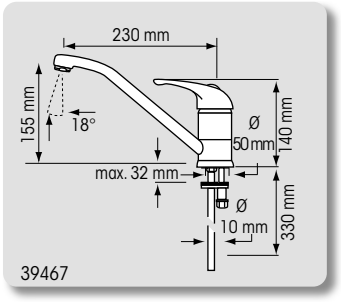
Brass plated.

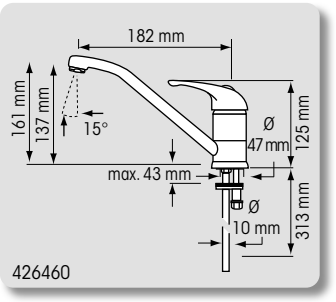


Mixer taps

Mixer tap with long spout
39467

Spout swivels on 360°.
Supplied with 2 x 35 cm metal plumbing hose and screw-type connectors.





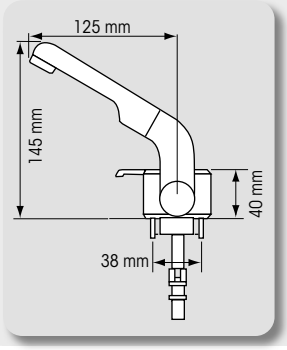
Long mixer tap
426460

With 25 mm flexible hose.

Swivel mixer tap
27299

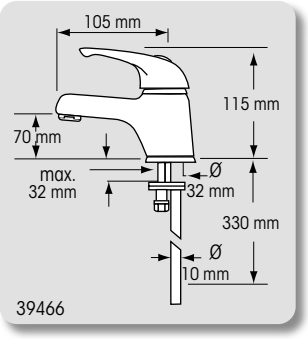
Colour white.
Swivelling base and spout.
2 water inlets.
Pressure : 2 - 2.5 bar. 3/8" connection.

Spray nozzle for even water flow.

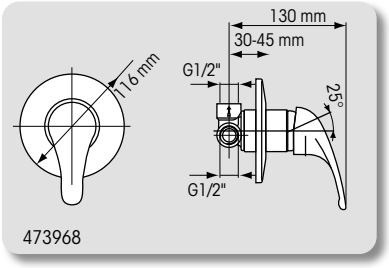


Compact mixer tap
39466

Supplied with 2 x 35 cm metal plumbing hose and screw-type connectors.



Wall control mixer tap
473968

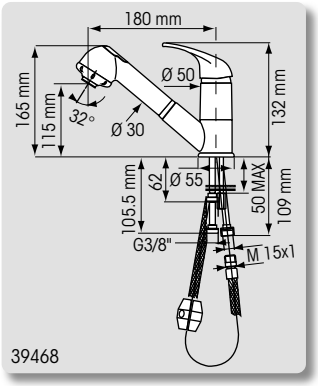


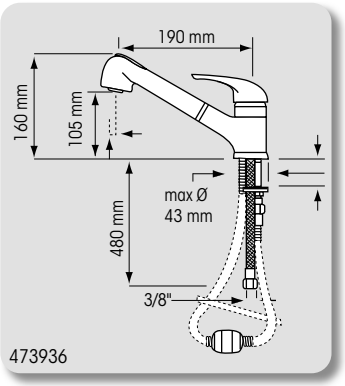
A

B

Mixer tap with shower head

	Ref.	Description
A	**39468**	For use either as a shower or as a basic tap. Shower with 1.2 m flexible hose. Swivelling shower base. Comes with 2 metal 35 cm flexible hoses and screw-type connectors.
B	**473936**	Retractable shower with 1m flexible hose.



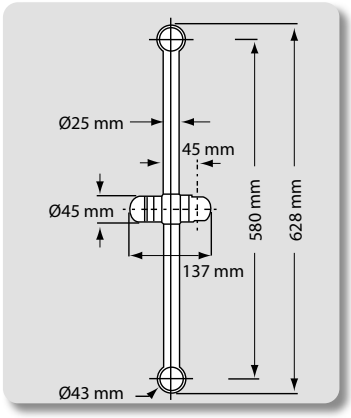


Shower kits

Shower kit with wall rail
39469

Ready-to-mount kit includes :
- shower head with spray nozzle and 1.50 m hose.
- wall rail.
- soap dish.

To be used in conjunction with thermostat shower control ref. 39470.
Shower connector : 1/2".



Shower kit
27302

Includes :
- shower head with spray nozzle.
- 1.50 m flexible hose.
- shower wall bracket.

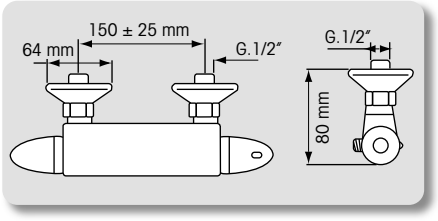
Pressure : 2 bar.

Shower lever control
27300

Includes lever control and plumbing. 3/8" connection. Suitable for use with shower 27302. Pressure : 3.5 - 4 bar.

Thermostat shower control
39470

Supplied with screw-type connectors and accessories, suitable for mounting on any wall thickness.
Max. temperature 80°C.
Pressure 6 bar.
To be used in conjunction with shower kit ref. 39469.
Connector for 1/2" hose.
Hot/cold water inlet : 3/4".



Wall mount shower lever
27305

Includes wall mount lever, colour grey, and 3/8" connection.
Lever rotates through 110°, allowing fine temperature adjustment.
Constant temperature whatever the flow.
Designed for use with showers 27302.
Pressure : 2-2.5 bar.

Retractable towel rack

Dimensions
72 x 25 mm.
- Chrome-plated brass : **473942**
- Polished brass : **473943**

Solar shower
19 L : 13272

Light, easy to use and to carry around. Three hours of sun exposure are enough to heat the water.

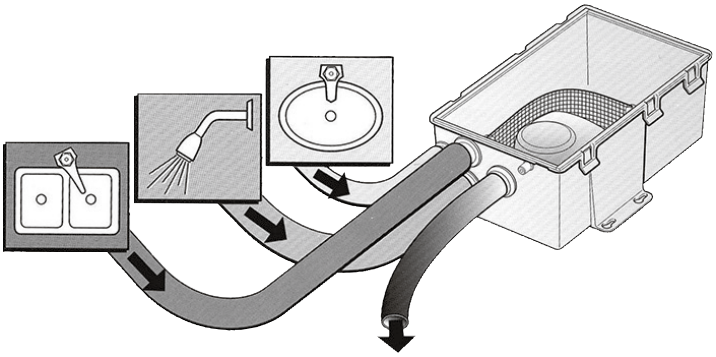
Grey waters

Johnson Pump

Viking 16 waste water tank

474893

The Viking 16 waste water tank is designed to be used as collection tank for waste water from showers, sinks, dishwashing machines, with 19 mm, 25 mm and 38 mm inlet ports, and 19 mm and 25 mm outlet ports.
The tank includes an Ultima Switch for automatic operation and is easy to connect to any 12/24V pump up to 20 amp.
The tank is prepared for Viking Power 16, with pre-drilled holes for the pump.
Dimensions L x W x H : 340 x 280 x 185 mm



Shower pump system

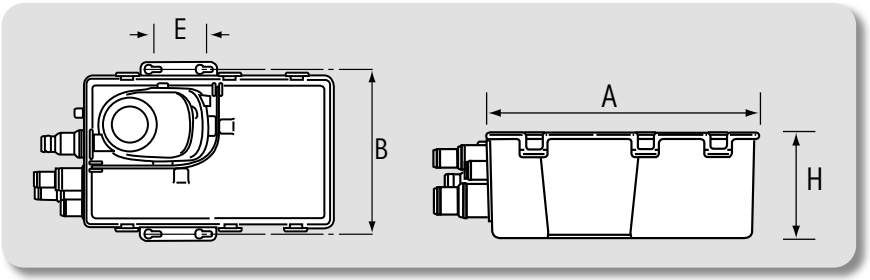
attwood genuine ingenuity

For use on boats with built-in shower or tub.
Sump system featuring a housing with a Sahara pump. This compact and silent unit starts automatically when the water begins to drain.
Made from tough, non corrosive materials. Sump box includes :

- a filter,
- a lid in clear plastic with gasket for easy removal and cleaning,
- an outlet for a ¾" (19 mm) hose,
- an inlet for a ¾" (19 mm) hose,
- an inlet for a ¾" (19 mm) or 1" (25 mm) hose,
- an inlet for a 1⅛" (28 mm) or 1½" (38 mm) hose,
- two hold-down clamps for easy installation (screws supplied).

Model	Voltage	Ref.	Open flow*	Output at 1 m*	Output at 2 m*	Cons.*	Max. fuse	Length A	Width B	Height H	Hole spacing E
500 GPH	12 V	**471895**	1456 L/h	1097 L/h	492 L/h	1.4 Amp.	3 Amp.	267 mm	206 mm	114 mm	59 mm
750 GPH		**13270**	2156 L/h	1588 L/h	1097 L/h	2.5 Amp.	5 Amp.	330 mm	187 mm	113 mm	59 mm
750 GPH	24 V	**35734**	2156 L/h	1588 L/h	1097 L/h	2.5 Amp.	2 Amp.	330 mm	187 mm	113 mm	59 mm

* Values measured at 12 V nominal voltage.



Deck showers & hose

A

B

Taps

	Model	Ref.	Features
A	**Cold water**	**50160**	Chrome plated brass
B	**Mixer tap**	**45601**	Chrome plated brass. Comes with 20 cm 3-hose connectors.

62098

62099

62100

Shower heads

½" threaded shower head with trigger.

Model	Material	Chrome	White
Short	ABS	**62099**	**62098**
Long	Chrome-plated metal	**62100**	-

Shower head with hose

3 m : 62096
5 m : 62097

For flushmount installation on the deck or as transom shower.

Accessory

• ***Threaded hose for shower spray head*** *1/2"-3/8". Length 3 m :* ***62101***

Shower heads with hose and holder

A

B

C

Model		Shower head colour	Ref.	Holder	Hose	*Shower head only*	*Holder only*	*Hose only*
With flange	A	White	**419767**	Plastic with chromed flange	Plastic. ⅜". Length 2 m.	***419278***	-	***402818***
	B	Black	**416653**	Plastic with chromed flange	Plastic. ⅜". Length 2 m.	***419279***	-	***402818***
With housing	C	White Chrome	**402813***	Plastic housing Ø 57 mm for flushmounting.	Plastic. ⅜". Length 2 m.	***429008***	***429018***	***402818***

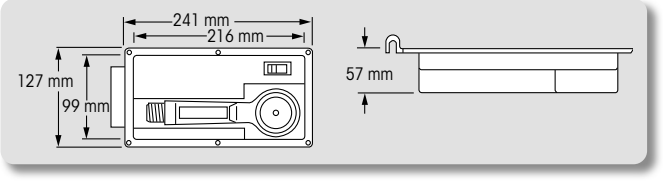
*spare plug : 417834

Aft-deck shower system

418724

Handy, compact aft-deck shower system, to rinse off salt or fresh water after swimming. Fits on transom.
Both showers are contained in a unit with a hinged cover for protection from the elements.
Unit is made from high-impact engineering-grade plastic.
Contains a hand-held shower spray head, 2.15 m hose, and hot/cold water controls.

attwood genuine ingenuity



Water applications on deck

The EZ Water range was developed by the Plastimo R & D team in cooperation with the most prestigious European boatbuilders. In addition to addressing all water applications on deck, it also **brings new innovative solutions to mounting issues** : only one operator is required to install our EZ units, generating **substantial labour and time saving for the boatbuilder.**

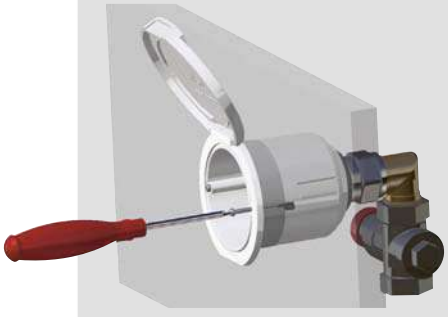
EZ Water : a range that combines efficient installation and perfect integration that matches the boat design and style thanks to the choice of shape and colour.

- The EZ water series comes as complete units, including all operational parts.
- Also available as empty housing units.
- The deck shower unit accepts most shower of the market.

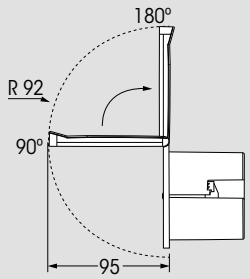
* FLEXIBLE COVER.

All essential water functions on deck :

- **Comfort and safety :** Splashproof when closed.
- **Stylish design :** Round or square versions with a choice of 3 colours to match stylishly and fit snugly in any deck or transom of sail and power boats, for a clean uncluttered look.
- **Flexibility* :** Flexible cover, unbreakable in case it gets snagged with crew moving about the deck.
- **Durable materials :** ASA/ABS rigid cover or thermoplastic elastomer flexible cover. UV-resistant cover withstands temperature variations. ABS built-in housing. Maintenance free.
- **Premium components :** Stäubli connectors and A4 Torx screws.

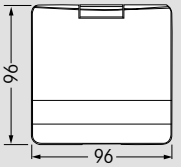


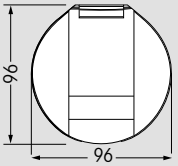
Housing requires minimal depth for installation.



It's so EZ !

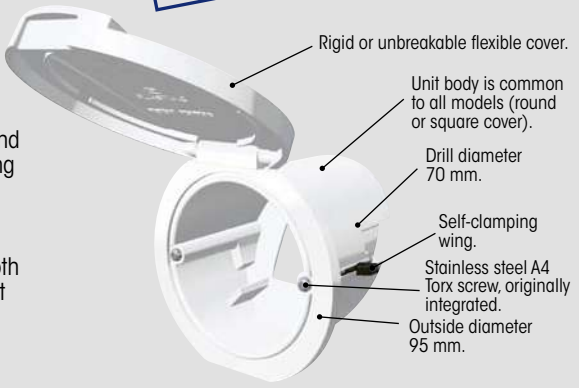
The clever principle of self-clamping wing lugs eliminates the need to drill 4 holes for fixing screws. The Plastimo innovation consists in integrating originally the A4 Torx stainless steel screws into both sides of the housing, and connecting these screws to self-clamping wings : flush installation in transom or deck only requires a Ø 70 mm hole and tightening of 2 screws from the front of the housing. As screws get tightened, both clamping wings will flip up and pull tight against the back of the bulkhead. This extremely simplified installation process is carried out by one single operator.





Dimensions : mm

INNOVATION BY PLASTIMO

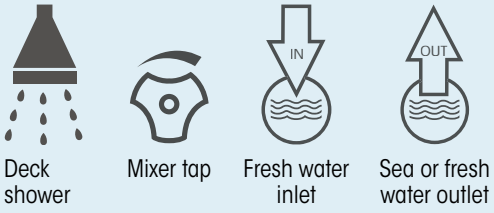


EZ range extension now includes Electrical applications.

EZ Elec

EZ Water

Complete range for all essential water functions on deck :



Deck shower | Mixer tap | Fresh water inlet | Sea or fresh water outlet

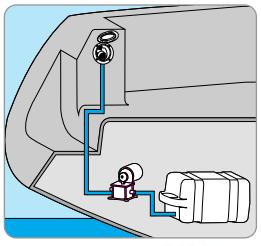
The EZ Water range is composed of complete, ready-to-use functional units. Also available as empty housing units.

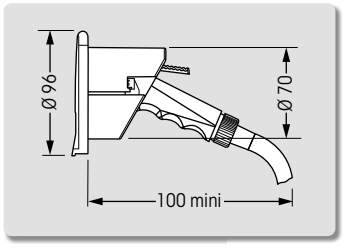
EZ Flex

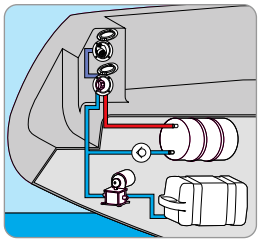
Unbreakable flexible cover

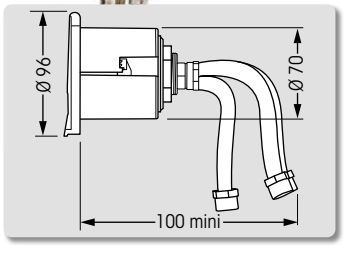
Unbreakable in case it gets snagged with crew moving about the deck.
Material : thermoplastic elastomer.
UV-resistant TPU, withstands temperature variations.

Available in round and square versions, white colour.









Deck shower

Unit includes :
- The ABS flushmount housing with splashproof cover. Rigid cover : ASA / ABS or flexible cover : thermosplastic elastomer.
- A chrome or white shower head.
- 3 m hose.

The shape of the housing has been contoured specifically to avoid the showerspray being accidentally activated. Safe opening and closing prevent the shower hose from uncoiling and potentially getting caught in the propeller.
Accepts most existing shower heads.

SHOWERHEAD + 3 m hose	Model	Rigid			Flexible
		White	Chrome	Black	White
WHITE	Round	**67202**	**67580**	**67542**	**69143**
	Square	**67203**	**67581**	**67543**	**69144**
CHROME	Round	**67592**	**67596**	**67594**	**69171**
	Square	**67593**	**67597**	**67595**	**69172**
Single housing (empty)	Round	**67312**	**67578**	**67540**	**69155**
	Square	**67313**	**67579**	**67541**	**69156**

White and Chrome covers : white housing - Black cover : black housing.

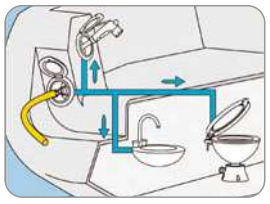
Mixer tap

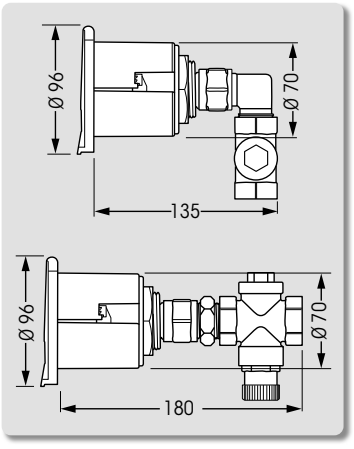
Unit includes :
- The ABS flushmount housing with splashproof cover. Rigid cover : ASA / ABS or flexible cover : thermosplastic elastomer.
- A chromed brass mixer tap.
- 20 cm hose (3 connectors).

MIXER TAP + 20 cm 3-hose	Model	Rigid			Flexible
		White	Chrome	Black	White
CHROME	Round	**67204**	**67582**	**67544**	**69145**
	Square	**67205**	**67583**	**67545**	**69146**
Single housing (empty)	Round	**67598**	**67602**	**67600**	**69157**
	Square	**67599**	**67603**	**67601**	**69158**

White and Chrome covers : white housing - Black cover : black housing.

EZ Water





Fresh water inlet

Perfect connection between the boat's water network and the shore water supply : it becomes easy to cook or have a shower when at the dock, without using water from the tanks (not suitable for filling the water tanks).

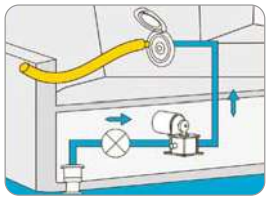
Unit includes :

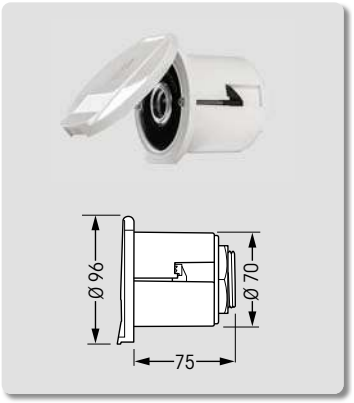
- The ABS flushmount housing with splashproof cover. Rigid cover : ASA / ABS or flexible cover : thermoplastic elastomer.
- A pressure regulator which accepts up to 7.5 bar (108 PSI) shore supply and delivers a 3 bar* (43 PSI) working pressure, compatible with most appliances and equipment on board.
- A non-return valve.
- A male quick-coupling fitting for garden hose connection.
- Male 3/4" threaded connector to the boat's water system.
- Components sealed with silicone

*adjustable 1 to 4 bar (15 to 60 PSI)

WATER INLET	Model	Rigid			Flexible
		White	Chrome	Black	White
Elbow connector	Round	**67206**	**67584**	**67546**	**69147**
	Square	**67207**	**67585**	**67547**	**69148**
Straight connector	Round	**67208**	**67586**	**67548**	**69149**
	Square	**67209**	**67587**	**67549**	**69150**
Single housing (empty)	Round	**67310**	**67576**	**67538**	**69159**
	Square	**67311**	**67577**	**67539**	**69160**

White and Chrome covers : white housing - Black cover : black housing.





Sea or fresh water outlet

Used in conjunction with a pump and a thru-hull fitting, the EZ water outlet produces pressure sea or fresh water on the deck (to wash the deck, rinse the fish…).

Unit includes :

- The ABS flushmount housing with splashproof cover. Rigid cover : ASA / ABS or flexible cover : thermoplastic elastomer.
- A Stäubli female quick-coupling fitting with integrated non-return valve, for connection to a garden hose. Chromed brass construction with st. steel bearings for optimum corrosion resistance.
- A locking flange.
- Male 3/4" threaded connector to the boat's water system.
- Components sealed with silicone.

WATER OUTLET	Model	Rigid			Flexible
		White	Chrome	Black	White
Elbow connector	Round	**67210**	**67588**	**67550**	**69151**
	Square	**67211**	**67589**	**67551**	**69152**
Straight connector	Round	**67212**	**67590**	**67552**	**69153**
	Square	**67213**	**67591**	**67553**	**69154**
Single housing (empty)	Round	**67310**	**67576**	**67538**	**69159**
	Square	**67311**	**67577**	**67539**	**69160**

White and Chrome covers : white housing - Black cover : black housing.

WC & waste water

Sewage treatment

CE 94/25 European standard related to recreational boats.
Boats equipped with toilets must feature either tanks or installations allowing the setting of holding tanks.

In the case of built-in tanks, the boat must be equipped with a standardised draining connector.

Section 43 of 2006-1772 regulation of 30th December 2006 related to water and aquatic environment :

Subsection 341-13-1. In order to ensure the protection of public health and aquatic environment, recreational boats equipped with toilets and built after the 1st of January 2008, accessing to sea and river harbours as well as to mooring areas with adequate facilities should feature installations allowing either the storage or the treatment of sewage.

The discharge of sewage into the sea is prohibited, except in the following cases : (MARPOL regulation, section IV)

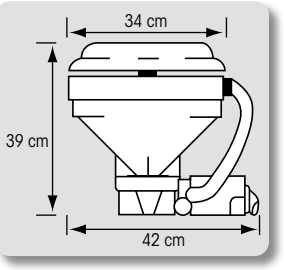
- the sewage has been comminuted and disinfected, the ship is located at a distance of more than 3 nautical miles of the nearest land and heads below 4 knots,
- the sewage has not been comminuted and disinfected, the ship is located at a distance of more than 12 nautical miles of the nearest land and heads below 4 knots,
- the ship uses an OMI approved sewage treatment system in operation.

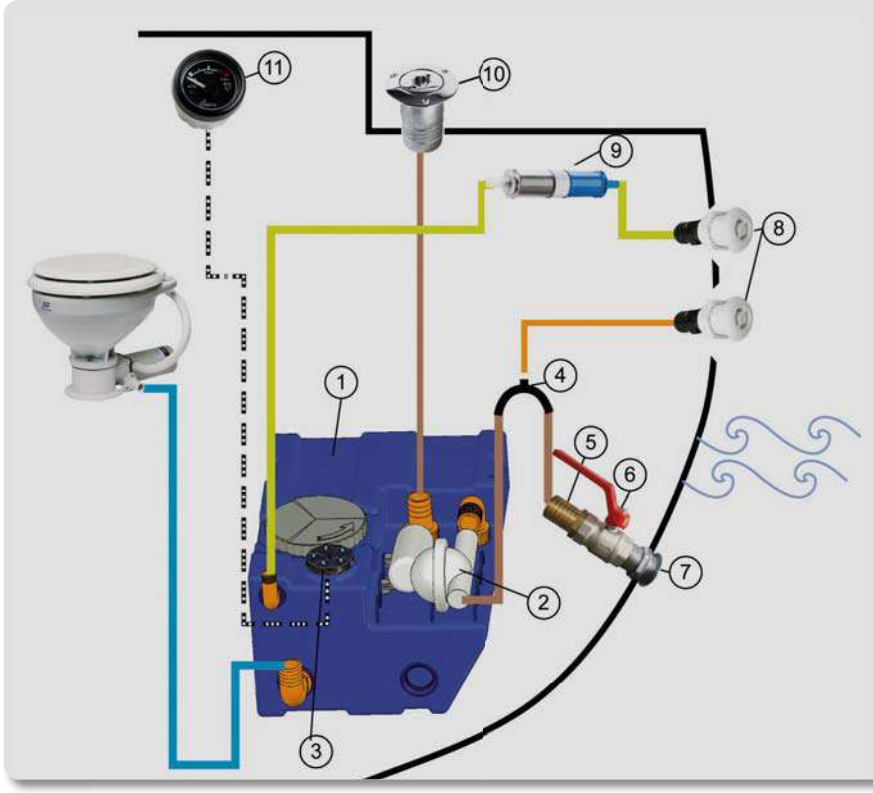
Electric toilet

Matromarine electric toilet

12 V : **10744**
24 V : **10745**

- Vitreous china bowl allows easy cleaning.
- White laquered wooden seat and cover.
- All metal parts made of marine grade stainless steel.
- Intake ¾"- 19 mm ; discharge 1" - 25 mm.
- Horizontal macerator pump in re-inforced plastic.
- Max. discharge height : 1.5 m.
- Power consumption : 13 Amp in 12 Volt ; 7 Amp in 24 Volt.
- Meets the ISO 8846 ; EN55014 standards.





Installation example

Hose Ø 25 mm/Ø 38 mm
Hose Ø 38 mm
Hose Ø 25 mm/Ø 20 mm
Ventilation hose
Electric cables

1 Tank
2 Pump
3 Sender
4 Vented loop
5 Fitting
6 Valve
7 Thru hull fitting
8 Vent
9 Filter
10 Deck filler
11 Gauge

Electric Marine Toilets

Johnson Pump

3 year Warranty

Hygienic white ceramic bowl for ease of cleaning.
Included control panel for rinse and discharge pump;
one button multi function discharge and rinse.

AquaT Standard Compact 12V

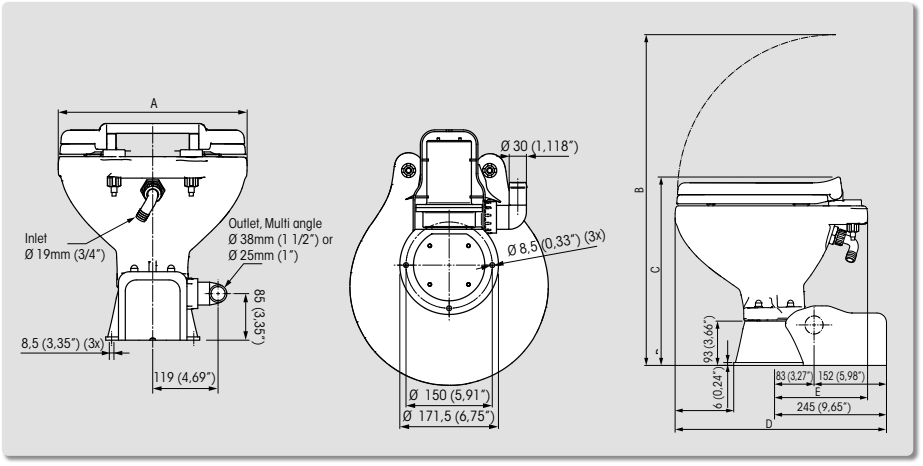
71003

Bowl with a round seat when installation space is limited.

AquaT Silence Compact 12V

71001

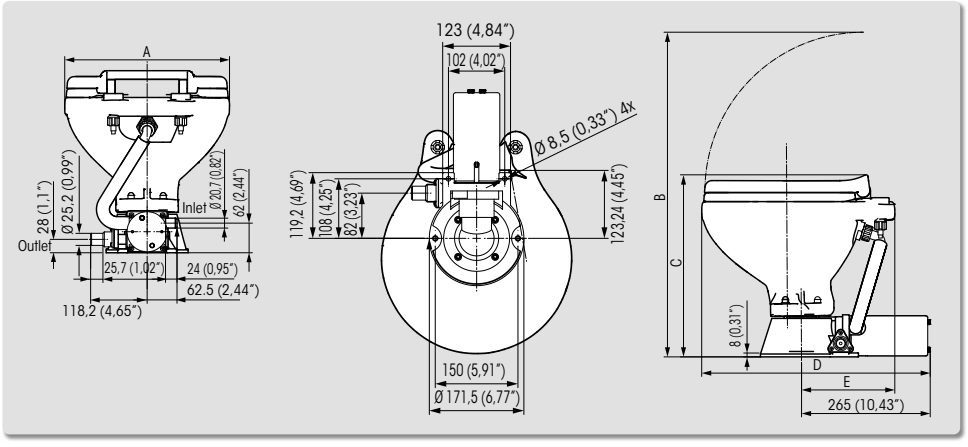
Bowl with a round seat when installation space is limited.



AquaT Silence Comfort 12V

71002

Bowl with a larger comfortable oval seat.



Common features

- Flexible hole pattern on the base, for easy substitution with the most common toilets on the market
- Accessible mounting points for fast installation
- Standard fastenings, logic located, no need for special tools
- High capacity discharge pump
- Built in rinse pump. For raw water or fresh water from separate toilet water tank.
  Do not connect the toilets rinse pump to the boats fresh/ drinking water system.

Ref.	Description	Weight (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
71003	AquaT Standard Compact	9.5	340	680	380	450	215	-
71001	AquaT Silence Compact	9.2	340	695	395	441	215	110
71002	AquaT Silence Confort	10.8	365	770	375	456	260	125

WC manuel marin SPX

3 year Warranty

Johnson Pump®

The fine finish and design of these toilets is remarkable. Made from white vitreous porcelain, with corrosion resistant parts, the AquaT marine toilet is quiet, robust and easy to clean.
- Flexible hole pattern on the base, for easy substitution with the most common toilets on the market
- Self-priming, double acting piston pump
- Ergonomic handle

AquaT Compact
70999

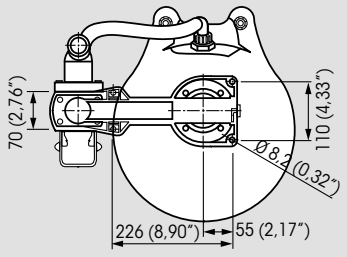
Bowl with a round seat - when installation space is limited.

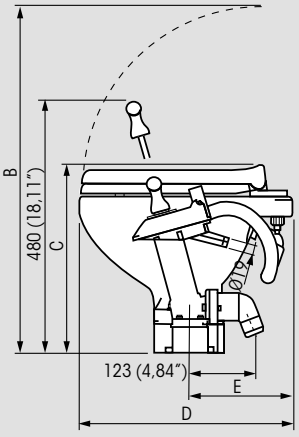
AquaT Confort
71000

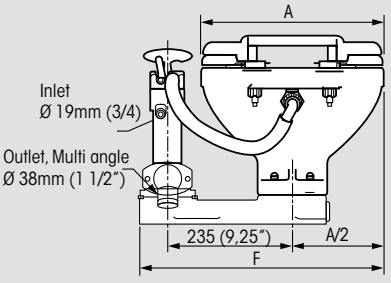
Bowl with a larger comfortable oval seat.

Ref.	Description	Weight (kg)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
70999	AquaT Compact	8.3	340	650	350	400	215	455
71000	AquaT Confort	11	365	725	330	470	250	465

Enlarged drawings







Accessories and spare parts

Vented loop

71004 : 3/4" vented loop
71005 : 1" vented loop
71006 : 1"1/2 vented loop

The vented loop is available in different sizes and with its inverted U-shape with a vent at the top it allows the air to escape.

71007 : Y-Vanne
Accessories to complete an waste water system: vented loops, Y-valves, flush pumps, conversion kits, etc.
Thanks to its inverted U-shape with a vent at the top it allows the air to escape.

71008 : Repair pump kit – AquaT Manual
This manual toilet pump assembly pairs with any AquaT Manual Marine Toilet. It incorporates an ergonomically designed, hand-powered piston pump that can be mounted for either left handed or right handed use.

71009 : Conversion kit AquaT Assembly
For separate external flush system with flush pump or by existing centralized fresh water system using solenoid. Includes discharge pump, base, connectors and two-switch control panel.

71010 : Toilet seal kit

Manual marine toilets

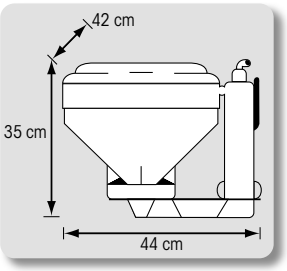
Specifically designed for use in small to medium craft, where space saving is as important as efficiency.
Reliable in use, economic in cost and very simple to use and to maintain.
Can be mounted above or below the waterline and can be used with a holding tank or a re-circulating system.
This range of marine heads is suitable for all types of boats and all installation layouts.

403060

Manual toilet RM69

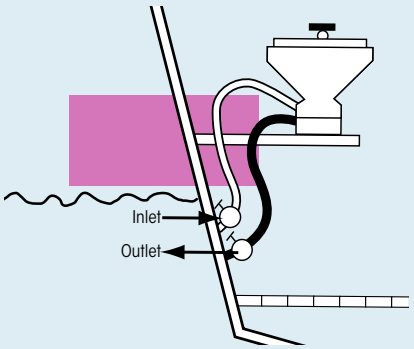
- Compact.
- Double action pump for easy flushing and pump out.
- All metal parts made of marine grade stainless steel.
- Intake ¾" - 19 mm ; discharge 1 ½" - 38 mm.
- Bowl fixed on the base by a bayonet catch. This make installation, maintenance and inspection easier.

Bowl	Ref.	Mounting	Seat
China	**12371**	Standard	ABS
	403060	Standard	White laquered wood
ABS	**403045**	Bayonet catch	ABS

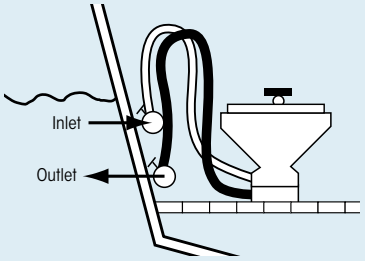


Installation

The installation must be carried out at a 1 m height maximum above or below the waterline.
For installation below the waterline, the hose will need to be longer, in order to create a loop above the waterline and thus better resist the pressure.



For installation above the waterline, make a vented loop in the outlet hose only, so as to retain water in the bowl.



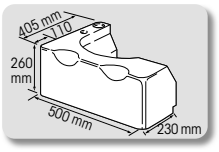
For installation below the waterline, use a vented loop about 225 mm above the waterline on both inlet and outlet.

Spare parts

- ***Complete manual pump for toilet : 12342***
- ***ABS seat and cover : 12353***
- ***Wooden seat and cover : 12360***
- ***Set of gaskets & valves : 12369***

Options & Accessories

Electric conversion kit for manual toilet : 12328
Nitrile rubber.
Convenient for models 403060, 403045 and 416365.
To convert the model 403089, a base 12346 and a gasket 1 2355 are needed.



25-litre mini-kit :12331
Complete installation consists in a 25-litre holding tank, a diverter valve and connexions.
Compact kit, ideal where space is at a premium ; requires minimum works on board.

12332

12333

12334

Diverter valves
ABS and stainless steel. 90° elbow fittings.

Model	*Ref.*	*Description*
2-way	***12332***	*With elbow connectors Ø 1 ½"-38 mm. Fits directly on the WC pump.*
	12333	*With elbow connectors Ø 1 ½"-38 mm. Fits on hose between the WC and the valve.*
3-way	***12334***	*Suitable for small-size installations, with a diverter valve mounted on the WC flush pump. The heads flush pump also monitors the tank emptying process.*

THETFORD

3 year Warranty

A B C D

Porta Potti chemical toilets

The Porta Potti range of portable toilets combines comfort, practicity and durability.

Safe and simple use :

- Handy vent plunger button and integrated rotating spout, for splash-free hygienical emptying.
- Holding tank level indicator.
- Two sections with quick-assembling system.

All models feature a vent button and a unique integrated rotating emptying spout, making emptying as simple as can be.

* Floor installation kit, easy to install and remove. Included as standard with 423042 model. Available as optional extra for 61142 model.

	Size	Model	Ref.	Dimensions (H x W x D) mm	Seat height mm	Flushing system	Level indicator	Flush water tank capacity	Holding tank capacity	Weight kg	Installation kit*
A	**Small**	**Porta Potti 335**	**423042**	313 x 342 x 382	308	Piston pump	YES	10 L	10 L	3.3	Included
B	**Medium**	**Porta Potti 345**	**423043**	330 x 383 x 427	324	Piston pump	YES	15 L	12 L	3.6	-
C	**Medium**	**Porta Potti 145**	**61141**	330 x 383 x 427	324	Bellows pump	NO	15 L	12 L	3.8	-
D	**Large**	**Porta Potti 165**	**61142**	414 x 383 x 427	408	Bellows pump	NO	15 L	21 L	3.9	*Optional,* ***ref. 63759***

Toilet fluids for Porta Potti

Thetford toilet fluids have been specially developed for every day use and periodical maintenance. They leave a lovely fresh scent behind. Their thick concentrated formula allows easier measuring out and targeting, for money-saver cleaning and maintenance.
Awarded with numerous environmental certifications.

AQUA RINSE
1.5 L bottle : 423048

Keeps the flush water fresh, ensures that your toilet flushes effectively and leaves a protective layer in the toilet bowl.
Septic tank safe (Test ISO 11734).
Lavander aroma.

AQUA RINSE concentrated
0.75 L bottle : **67275**

For flush water tank

AQUA KEM GREEN
1.5 L bottle : 423047

Environmentally conscious green fluid. Septic tank safe (Test ISO 11734). Encourages biological action in the the waste holding tank. Reduces gas build-up and eliminates unpleasant odours.
Freezes only below -20°C.
Citrus aroma.

AQUA KEM GREEN concentrated
0.75 L bottle : **67274**

For waste tank

AQUA KEM BLUE
2 L bottle : 424271

Liquefies waste for easier tank emptying. Reduces gas build-up and eliminates unpleasant odours.
Pine aroma.

AQUA KEM BLUE concentrated
0.75 L bottle : **67276**

For waste tank

Waste water tanks

Horizontal holding tanks

Waste water tanks in high-density polyethylene.

Capacity	Ref.	Length	Width	Height
35 L	**473804**	550 mm	390 mm	200 + 70* mm
48 L	**473806**	750 mm		
61 L	**473808**	950 mm		
67 L	**473809**	1050 mm		
53 L	**473798**	550 mm	390 mm	290 + 70* mm
63 L	**62067**	650 mm		
83 L	**473869**	850 mm		
93 L	**473801**	950 mm		

*Tank height + fittings.

Supplied with a multi-purpose plate including :

- A 90° inlet fitting with straight connector for hose Ø 38-50-60 mm.
- A 90° outlet fitting with straight connector for hose Ø 38-50-60 mm.
- A connector for vent hose Ø 17-19 mm.
- An additional hose for a vent outlet.

Can be equipped with a sending unit (as option, see page 460).

Spare part

- ***Support plate : 473870***

Vertical holding tanks

These tanks feature a through-cap for 3/4 full level indication.

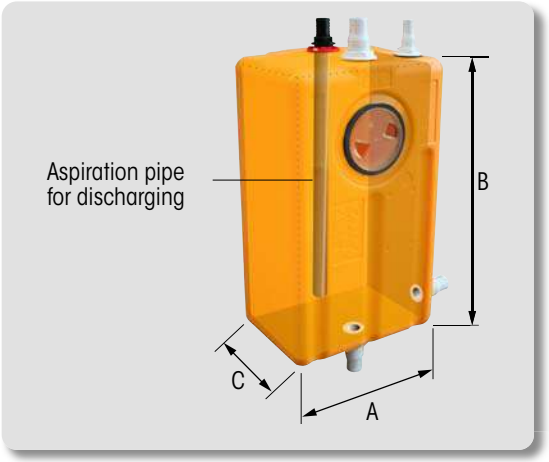
Supplied with :

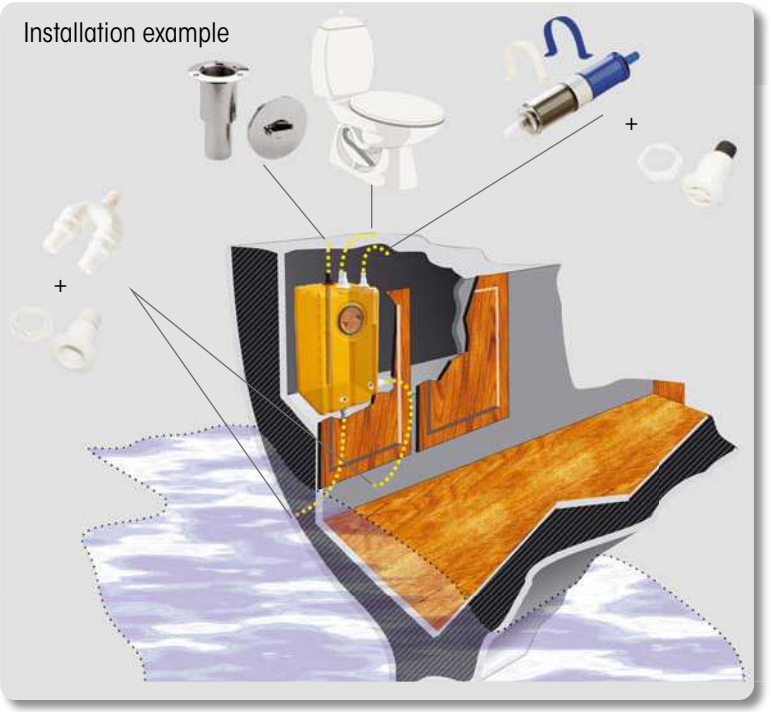
- 2 fittings for Ø 38 mm hose.
- 1 fitting for Ø 20 mm hose.

Option

- ***Aspiration pipe : 62012***
  Aspiration pipe for tank vacuum discharging (length : 1 m. Can be cut).

Capacity	Ref.	A	B	C
41 L	**62087**	390 mm	650 mm	200 mm
61 L	**62064**	390 mm	950 mm	200 mm





Meet ISO 8099 standards.

478224

62066

Holding tanks with 12 V pump

Tanks with a 12 V discharging pump.
Made from high-density polyethylene.
Feature a multi-purpose plate including :

- A 90° inlet fitting for hose Ø 38 mm.
- A fitting for pump hose Ø 38.
- A fitting for vent hose.

Can be equipped with a sending unit (as option, see page 460).

Self-priming pump.

- Capacity : 19 L/mn.
- Fittings for hose Ø 38 mm.
- Dimensions : 300 x 160 x 130 mm.

Features an additional housing designed to protect the pump against water projections when cleaning the black water compartment.

Capacity	Ref.	Length	Width	Height
41 L	**478224**	650 mm	390 mm	200 + 70* mm
61 L	**62065**	950 mm	390 mm	200 + 70* mm
83 L	**62066**	850 mm	390 mm	290 + 70* mm
103 L	**478225**	1050 mm	390 mm	290 + 70* mm

*Tank height + fittings.

Sanitation waste pumps

Macerator pump

Designed for sanitation waste and fish box evacuation.

- **Self-priming** up to 1.20 m.
- Seamless motor shell.
- Intermittent duty only.
- Can run dry (max. 15-20 sec).
- 316 stainless steel dual blade design.
- Polyurethane flexible impeller.
- Thermally protected.
- ISO 8846 and CE certified.

SHURflo Pentair Water

Spare parts

- *Servicing kit : **473247***
- *Impeller : **473249***

Model	Voltage	Ref.	Flow rate*	Amp.	Inlet Ø	Outlet Ø	Dimensions L x W x H
Shurflo macerator	12 V	**471867**	49 L/mn	17 A.	1 ½" - 38 mm	1" - 25.4 mm	273 x 121 x 97 mm

* Open flow, rated with clear water.

Johnson Pump

Viking Power 16 pump

Self-priming diaphragm pump designed to drain the bilge, shower or sanitation waste water.

- Self-priming up to 3 m.
- Easy to install on waste water tanks.
- Silent operation, easy and budget-friendly maintenance.
- High-resistance fibreglass reinforced Nylon body.
- Ball bearing transmission.
- Non-choke valves, no strainer necessary.
- Can run dry and can pump air/water mixture.
- Robust single diaphragm.
- Complies with ISO 15083 and small craft bilge pump standards for vessels up to 12 m.
- Supplied with 2 straight fittings : 1" and ¾".

Model	Voltage	Ref.	Open flow	Max. head	Cons.	Dimensions L x W x H	Weight
VIKING Power 16	12 V	**477864**	16 L/min	3 m	2.3 A	186 x 181/235* x 118/204* mm	2.6 kg
	24 V	**473992**	16 L/min	4 m	1.2 A		2.6 kg

* According to motor/pump setup.

Accessories & spare parts

Gauge
62071

Universal 12/24 V gauge.
Ideally combined with level sensor ref. 62070.

Level sensor
62070

Universal Easy Level sensor for holding tanks. It features 3 level wires for empty, half and full indications. Each wire can be cut to the desired height (max. tank height : 60 cm). The ½ wire can be cut to indicate ¾ level.
Standard configuration : 10-180 Ohm (output can be changed into 240-33 Ohm).

A

B

Hold-down kits

Helps securing tanks and rigid canisters (water or fuel tanks, battery boxes...).

	Description	Ref.
A	Set including 2 straps with buckle and 4 polyamide hold-down clamps.	**27871**
B	Set including 4 polyamide supports to screw, dimensions 110 x 65 x 65 mm (L x W x H) and 2 adjustable straps of 2.50 m, width 25 mm. Resistance 400 kg.	**476094**

Spare plate
473870

Support plate.

Fittings and connectors

A

B

C

D

E

	Description	Ref.	Thread Ø	Hose Ø
A	Y connector	**62074**	-	Ø 38 / 25-25 mm
		62075	-	Ø 25 / 25-25 mm
		62076	-	Ø 38 / 38-38 mm
B	120° fitting	**62077**	1½"	Ø 25 mm
C	120° fitting	**62078**	1½"	Ø 38 mm
D	90° fitting	**62080**	1½"	Ø 25 mm
E	90° fitting	**62079**	1½"	Ø 38 mm
F	Straight fitting	**62081**	1"	Ø 25 mm
G	Straight fitting	**62082**	1½"	Ø 38 mm
H	Straight fitting	**62083**	1½"	Ø 25 mm
I	90° inlet elbow, swivelling through 360°	**62013**	1½"	Ø 38 mm
J	Set including two 90° inlet/outlet fittings for Ø 38 mm hose, one fitting for hose Ø 17/19 mm (threading 3/8") and a male blind stopper 1¼" threaded.	**62072**	-	-

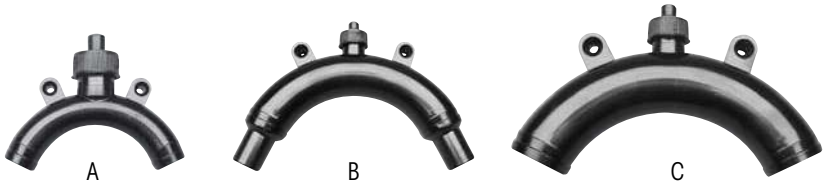
F

G

H

I

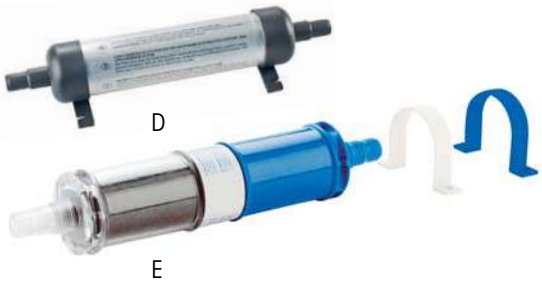
J

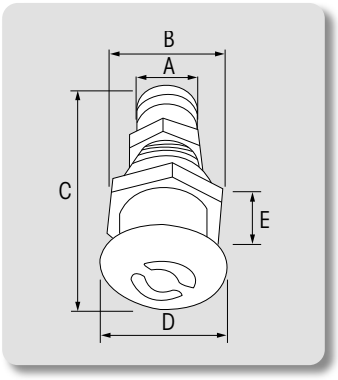


Place the vented loop as high as possible, to avoid fluid transfer or water intrusion.

Vented loops and filters

	Ref.		
A	**43031**	Vented loop - Ø 19 mm - ¾"	
B	**196794**	Vented loop - Ø 25 mm - 1"	
C	**43032**	Vented loop - Ø 38 mm - 1½"	
D	**51732**	Odour-free filter for hose Ø 16-19 mm.	Made of active carbon. Integrated mounting eye straps. Must be changed at the end of each season.
E	**62073**	Odour-free filter for hose Ø 20-25 mm. 20 cm length.	



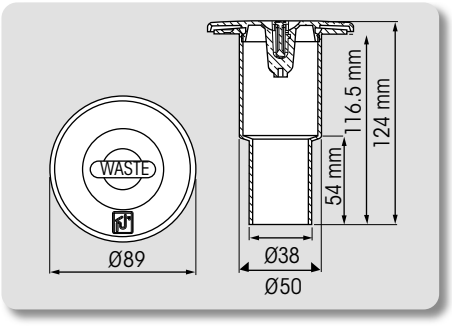


Vents

	Ref.	Shape	For hose Ø	A	B	C	D	E
A	**62084**	Oval	25 mm	25 mm	29 mm	83 mm	41 x 60 mm	40 mm
B	**62085**	Round	25 mm	25 mm	29 mm	83 mm	41 mm	40 mm

3-way diverter valve
196791

For hose Ø 38 mm.
Can be locked with a padlock (not included).



Deck plate
62086

Chrome-plated brass deck plate Ø 38 mm for waste water discharging.

Anti-odour Butyl hose for waste water

High performance hose manufactured in Butyl rubber, the best gas-proof elastomer.

3-layer construction :
- Vanilla fragrance white rubber hose, reinforced with a double helical steel braid and a high resistance synthetic core.
- White Butyl rubber tube inside, anti-odour and anti-bacteria.
- Strong synthetic outer canvas.

Temperature range : -40° to +120°C.

5 year Warranty

ISO 8099 : 2000 FDA

Ref.	Int. Ø	Ext. Ø	Weight	Bend radius	Working pressure	Burst pressure	Vacuum pressure	Length
66892	38 mm	48 mm	850 g/m	80 mm	7 bar	21 bar	900 mbar	30.50 m

Hose

Food/drink applications

Multi-purpose hose

Flexible Retin/R hose in transparent PVC, food and drink certified.
Reinforced with a heavy duty synthetic braid.
Temperature range : -10° to +60°C.

REG. (EU) 10/2011 A-B-C
Phthalate-Free

Ref.	Int. Ø	Ext. Ø	Weight	Bend radius	Working pressure	Length
403946	8 mm	13 mm	110 g/m	65 mm	15 bar	25 m
403956	12 mm	17 mm	140 g/m	95 mm	12 bar	
403957	16 mm	22 mm	230 g/m	130 mm	10 bar	
403958	19 mm	26 mm	320 g/m	155 mm	8 bar	
403959	25 mm	33 mm	460 g/m	200 mm	8 bar	
403960	30 mm	38 mm	540 g/m	240 mm	5 bar	
57417	32 mm	42 mm	730 g/m	255 mm	5 bar	
57418	38 mm	49 mm	860 g/m	305 mm	5 bar	

Hose with steel inlay

Metalflex hose for liquid applications.
Food and drink certified transparent PVC, reinforced with a galvanised steel wire inlay.
Smooth-walled inside and outside.
Temperature range : -10° to +65°C

REG. (EU) 10/2011 A-B-C-D1
Phthalate-Free (< 0.1 %)

Ref.	Int. Ø	Ext. Ø	Weight	Bend radius	Working pressure	Burst pressure	Vacuum pressure	Length
66877	12 mm	18 mm	180 g/m	30 mm	9 bar	27 bar	9 mH_2O (900 mbar)	25 m
66878	16 mm	22.6 mm	250 g/m	35 mm	8 bar	24 bar		
66879	20 mm	27.2 mm	340 g/m	45 mm	7 bar	21 bar		
66880	25 mm	33 mm	510 g/m	55 mm	6 bar	18 bar		
66881	30 mm	38 mm	600 g/m	70 mm	5 bar	15 bar		
66882	32 mm	40.2 mm	650 g/m	75 mm	5 bar	15 bar		
66883	35 mm	43.4 mm	730 g/m	85 mm	4 bar	12 bar		
66884	38 mm	47 mm	800 g/m	90 mm	4 bar	12 bar		

Hot water hose

Hot water hose

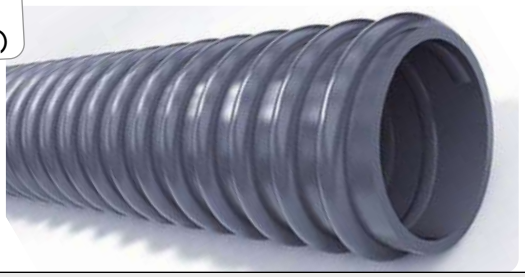
White rubber tube, food and drink certified.
Reinforced with heavy duty synthetic canvas.
Blue EPDM covering, highly resistant to heat and abrasion.
Temperature range : -35° to +110°C.

DM 21.3.73 & 18.9.79
FDA

Ref.	Int. Ø	Ext. Ø	Weight	Bend radius	Working pressure	Burst pressure	Length
66885	13 mm	22 mm	310 g/m	-	15 bar	45 bar	20 m
66886	16 mm	25 mm	350 g/m	-			
66887	19 mm	29 mm	480 g/m	-			

Hose

Fire resistant :
self-extinguishing, V2
Phthalate-Free (< 0.1 %)



Reinforced multi-purpose hose

Flexible crushproof PVC hose, reinforced with a PVC helical braid inlay.
Lightweight and flexible, designed for air ducting and air conditioning.
Also perfectly suitable for waste water applications.
Temperature range : -15° to +50°C.

Ref.	Int. Ø	Ext. Ø	Weight	Bend radius	Vacuum pressure	Length
66893	19 mm	23.80 mm	110 g/m	19 mm	3 mH_2O (300 mbar)	25 m
66894	25 mm	30 mm	140 g/m	25 mm		
66895	30 mm	35.4 mm	200 g/m	30 mm		
66896	38 mm	44.2 mm	270 g/m	38 mm		

Waste water hose

Waste water hose

3-layer construction :
- White rubber hose reinforced with steel inlay.
- Black rubber tube inside ensuring good waterproofness.
- Strong synthetic outer canvas.

Temperature range : -30° to +80°C.

Ref.	Int. Ø	Ext. Ø	Weight	Bend radius	Working pressure	Burst pressure	Vacuum pressure	Length
66890	25 mm	35 mm	750 g/m	100 mm	7 bar	21 bar	900 mbar	30.50 m
66891	38 mm	48 mm	1 150 g/m	150 mm				

Anti-odour Butyl hose for waste water

High performance hose manufactured in Butyl rubber, the best gas-proof elastomer.

3-layer construction :
- Vanilla fragrance white rubber hose, reinforced with a double helical steel braid and a high resistance synthetic core.
- White Butyl rubber tube inside, anti-odour and anti-bacteria.
- Strong synthetic outer canvas.

Temperature range : -40° to +120°C.

5 year Warranty

ISO 8099 : 2000 FDA

Ref.	Int. Ø	Ext. Ø	Weight	Bend radius	Working pressure	Burst pressure	Vacuum pressure	Length
66892	38 mm	48 mm	850 g/m	80 mm	7 bar	21 bar	900 mbar	30.50 m

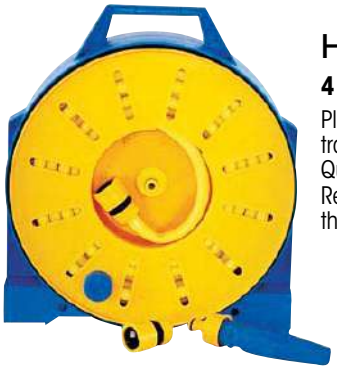
Blue Python stretch water hose

2500080

Perfect versatile all-rounder hose : combines top resistance with clever expanding design, up to 3 times its original length with the water on, depending on the pressure exerted.
Max. length : 22.50 m. Length when retracted : 7.50 m.

Rugged design features 3-layer construction :
- Outer covering in 5000 denier knitted braiding.
- Latex twin layer inside tube, withstands high pressure in marinas up to 10 bar (vs. 3 bar commonly found with this type of product).

Comes back to original length after use and retracts to 7.50 m.
Blue Python becomes a lightweight accessory, compact and perfect for easy storage : it won't tangle, kink or twist.
Comes complete with a male/male connector, a universal ½" and ¾" tap connector and an 8-way adjustable spray nozzle.
Weight : 600 g.



Hose on a reel

415913

Plastic reel, 15 m round translucent hose.
Quick-connect plastic fittings.
Reel dimensions : Ø 34 cm x thickness 11 cm.

Water hose accessories

HOZELOCK

Multi spray gun
428261
Soft touch ergonomic handle.
Variable flow control with patented trigger.
6-way adjustable spray nozzle.
2 locked positions to optimise flow and avoid waste (40 % and 100 % flow).

Quick-coupling hose terminal
427820 : *for Ø hose 12.5 to 15 mm.*
427821 : *for Ø hose 19 mm.*

Double male connector
426546
To connect two hose lengths.

Male adaptor
417527
For quick connection with multi spray gun.

Tap male connector for threaded taps
422268
Avec embout rapide mâle.

ProBlaster™ II washdown kit

Includes :
- 12 V ProBlaster™ II Deluxe pump, 15 L/min open flow, self-priming.
- Gnition protected ISO 8846.
- Connectors, strainer and nozzle with adjustable flow.
- 7.60 m flexible coiled hose.

Model	Voltage	Ref.	Open flow rate	Max. pressure	Consumption	Dimensions L x W x H
Washdown Kit Deluxe II	12 V	**63575**	15.1 L/min	4.1 bar /60 psi	10 Amp.	254 x 125 x 122 mm

Flexible coiled hose

47505

7.6 m hose for ProBlaster pump.
3 bar pressure.
Suitable for fresh or sea water.

Spray nozzle

47867

Adjustable water flow.
3 bar pressure.
Suitable for fresh or sea water.

Clamps

AISI 304 st. steel

Micro clamps

Ideal for simple and traditional applications (gardening, domestic gas fittings...).

For hose Ø	5 mm band
7 - 11 mm	**35870**
11 - 19 mm	**35871**

AISI 304 st. steel

Mini clamps

Particularly suited for small hoses. Rolled edges prevent any risk of damage to the hose. Corrosion resistant.

For hose Ø	9 mm band
6 - 8 mm	**35847**
8 - 10 mm	**35848**
9 - 11 mm	**35849**
9 - 12 mm	**35850**
10 - 13 mm	**35851**
11 - 14 mm	**35852**

AISI 316 st. steel

Flat clamps

Clamps with full band.
The smooth band surface prevents the risk of damage to the hose.

St. steel, AISI 304		
For hose Ø	9 mm band	12 mm band
10 - 16 mm	**35816**	-
12 - 20 mm	**35817**	-
16 - 25 mm	**35818**	-
30 - 32 mm	**35819**	-
32 - 50 mm	**35820**	**35821**
40 - 60 mm	-	**35822**
50 - 70 mm	-	**35823**
60 - 80 mm	-	**35824**
90 - 110 mm	-	**35827**
110 - 130 mm	-	**35828**

St. steel, AISI 316		
For hose Ø	9 mm band	12 mm band
8 - 14 mm	**35831**	-
11 - 17 mm	**35832**	-
13 - 20 mm	**35833**	-
15 - 24 mm	-	**35834**
19 - 28 mm	-	**35835**
26 - 38 mm	-	**35836**
38 - 50 mm	-	**35837**
44 - 56 mm	-	**35838**
50 - 65 mm	-	**35839**
58 - 75 mm	-	**35840**
68 - 85 mm	-	**35841**
77 - 95 mm	-	**35842**
130 - 165 mm	-	**35845**
150 - 180 mm	-	**35846**

Double ring hose clamp

Stainless steel.
Fits perfectly on ribbed flexible hose.

Reference	For hose Ø
16279	22 - 25 mm
16280	24 - 28 mm /1"
51168	30 - 34 mm
16281	34 - 38 mm
38077	35 - 40 mm /1" 1/2
51169	48.5 - 55 mm /2"

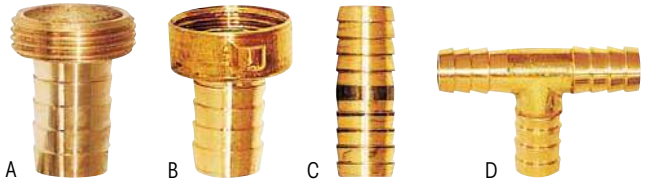
AISI 304 st. steel

3 m clamp kit

To make up the required length of clamp yourself. Suitable for toilet, exhaust and water inlet or outlet pipe.

Clamp size	Reference
9 mm wide	**35867**
12 mm wide	**35868**

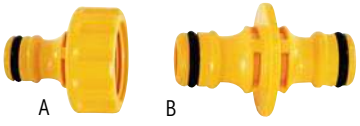
Pipe-to-hose connectors



A B C D

Brass connectors

	Ref.	Description	Int Ø x ext. Ø	For hose
A	**422303**	Threaded male connector	20 x 27 mm	15
B	**422306**	Two-part connector	20 x 27 mm	15
C	**422305**	Straight connector, male/male	-	19
	422304			15
D	**472150**	T connector	-	15



A B

Nylon connectors for threaded taps

	Ref.	Description	For hose
A	**422268**	Female thread	19
B	**426546**	Male/Male connector	-

Brass elbow with bayonet

Supplied with gasket.

Ref.	Description	For hose	Thread Ø
403972	Male, with brass screw socket	16	-
403973	Male, with brass screw socket	19	-
428258	Brass male threaded connector	-	15 x 21 mm

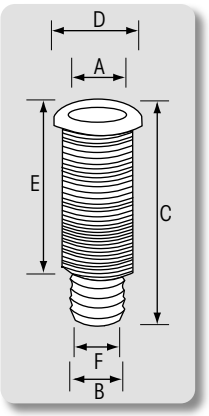
Aqua Stop male connector **472834**

For hose Ø 12, 15 and 19.
Disconnect from the marina circuit in a click.
Quick-fit connectors in nickel plated brass, compliant with most standards.
No water ingress : circuits remain totally watertight.
Non-return valve operates when hose is disconnected.
Prevents water splash in particular when filling the tank.

Plastic plumbing

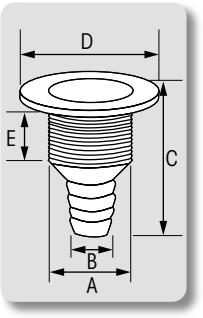
Thru-hull fittings, hose barb

Thru-hull fittings manufactured from polyamide 6,
totally resistant to UV-rays and the marine environment.
Can be used in conjunction with silicone based sealants.



Thru-hull fittings with standard flange

Colour	Ref.	Ø A	Ø B	C	Ø D	E	Ø F	*Optional plug*
White	**62154**	25 mm	30 mm	100 mm	42 mm	75 mm	1"	***62171***
Black	**62155**	25 mm	30 mm	100 mm	42 mm	75 mm	1"	***62171***



Thru-hull fittings with flush flange

Polyamide.

Colour	Ref.	Ø A	Ø B	C	Ø D	E
White	**62228**	15 mm	½"	94 mm	35 mm	45 mm
White	**62229**	20 mm	¾"	94 mm	40 mm	45 mm
White	**62230**	25 mm	1"	94 mm	52 mm	45 mm
White	**62231**	35mm	1" ¼	94 mm	65 mm	45 mm
White	**62232**	38 mm	1" ½	94 mm	70 mm	45 mm

Accessory

Expanding plug

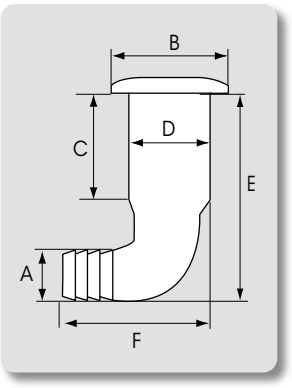
- black, Ø 22 mm : ***62170****
- black, Ø 25 mm : ***62171****
- black, Ø 35 mm : ***62172****

* EN ISO 11812:2001-7.4 compliant

Hose barb thru-hulls, st. steel flange

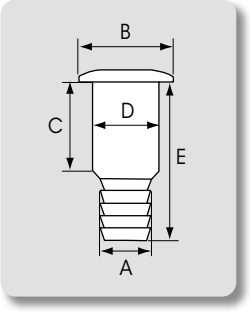
- Glass reinforced (20 %) polyamide with overmoulded 316 L stainless steel flange.
- Nut incorporates washer.
- Flat part on thread makes tightening easier.

90° elbow thru-hull with st. steel flange



Ref.	A	B	C	D	E	F
67892	5/8"	48 mm	51 mm	33 mm	85 mm	64 mm
65623	3/4"	48 mm	51 mm	33 mm	85 mm	64 mm
65624	1"	48 mm	51 mm	33 mm	90 mm	64 mm
65625	1" ½	60 mm	51 mm	40 mm	106 mm	95 mm

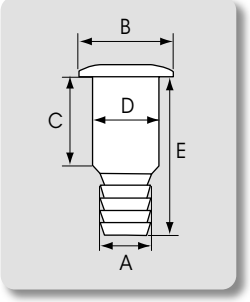
Straight thru-hull with st. steel flange



Ref.	A	B	C	D	E
67891	5/8"	48 mm	44 mm	33 mm	80 mm
65620	3/4"	48 mm	44 mm	33 mm	80 mm
65621	1"	48 mm	44 mm	33 mm	80 mm
65622	1" ½	60 mm	44 mm	40 mm	94 mm

Scupper with st. steel flange

Ø 28.5 mm rubber flapper.

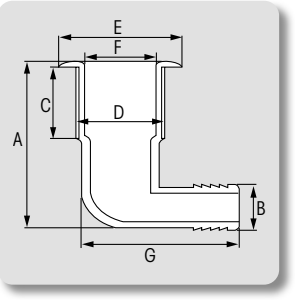


Ref.	A	B	C	D	E
65626	1" ½	60 mm	44 mm	40 mm	94 mm
65627	2"	83 mm	53 mm	56 mm	118 mm

Elbow thru-hull fittings

Elbow thru-hulls are the answer to the most common plumbing issues :

- Allow major room saving, as they can be used with a hose running along the hull.
- Avoid making a bend in the hose, which can sometimes be a source of leak or breakage.
- Require a simplified installation process inside the hull, carried out by on person only. You can hold it firmly with one hand, while screwing with the other hand.

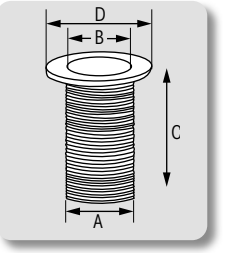


Ref.	Overall depth (A)	Hose Ø (B)	C	D	Ext. Ø (E)	F	G
62156	79 mm	20 mm	33 mm	¾"	47 mm	18 mm	63 mm
62157	84 mm	25 mm	33 mm	1"	54 mm	25 mm	70 mm
62158	110 mm	38 mm	40 mm	1 ½"	68 mm	35 mm	80 mm

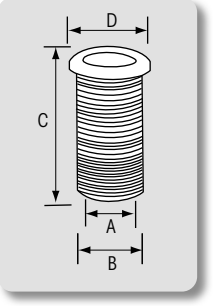
Thru-hull fittings, threaded

Thru-hull fitting, flush flange

Ø A	Ref.	Colour	Ø B	C	Ø D
½"	**62166**	White	13 mm	65 mm	35 mm
¾"	**62167**	White	17 mm	65 mm	40 mm
1"	**62168**	White	25 mm	65 mm	52 mm
1 ½"	**62169**	White	35 mm	85 mm	70 mm



Thru-hull fitting, standard flange



Ø A		Ref.	Colour	Ø B	C	Ø D	Compliant with	Optional plug
25 mm	A	**62162**	White	1"	62 mm	39 mm	EN ISO 11812:-2001-7.4	***62171***
	-	**62163**	Black	1"	62 mm	39 mm		***62171***
	B	**62164**	White	1"	155 mm	39 mm		***62171***
	-	**62165**	Black	1"	155 mm	39 mm		***62171***

Thru-hull fittings and scuppers

Thru-transom scupper with flapper
418158

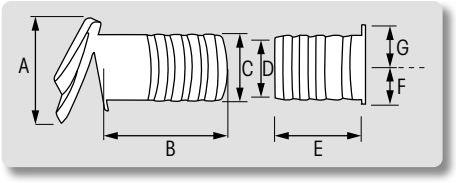
White acetal construction.
Rubber flapper opens to drain water out and closes to prevent backwash.
For 1" ½ hose.
Length 159 mm, Ø 73 mm
Max hull thickness : 79 mm.

attwood genuine ingenuity

Spare

- ***413342** : anti-backwash rubber flapper for scupper 418158.*

Raked white scupper with anti-backwash lid
47088



Spare

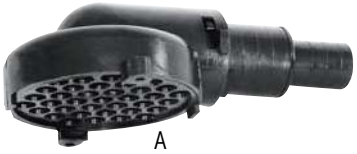
- ***Spare lid 49672***

A	B	Ø C	Ø D	E	F	G
117 mm	150 mm	79 mm	70 mm	103 mm	45 mm	55 mm

Drain sockets, polyamide
Polyamid deck filler with O-ring.

	Ref.	Description	Flange dimensions	Overall height	Height of socket	Cutout Ø	Depth below deck	Mini. int. Ø	*Spare cap*
A	**16691**	With captive plug	Ø 46 mm	63 mm	27 mm	28 mm	21 mm	19 mm	-
B	**16690**	Plain	Ø 48 mm	76 mm	66 mm	28 mm	62 mm	19 mm	***16713***
C	**16797**	Screw-type for double hull. Bulkhead thickness : 80 mm. 1/4 turn plug	Ø 43 mm	107 mm	96 mm	27 mm	91 mm	19 mm	***12521***

Strainers


A

B

C

Black plastic strainers

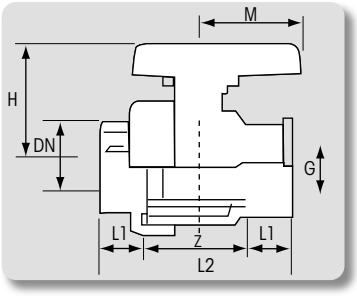
	Ref.	Hose Ø	Output	Shape	Dimensions	Features
A	**418835**	Ø 25/38 mm	Horizontal	Round	Ø 98 mm	With non-return valve.
B	**418836**	Ø 25/38 mm	Vertical	Round	Ø 98 mm	With non-return valve.
C	**13942**	Ø 18/20/24 mm	Horizontal	Rectangular	Length 145 x Width 60 x Height 38 mm	-

Valves

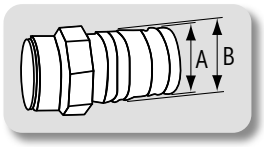
UNI ISO 228/1, DIN 2999, BS 21 threaded.

Blue plastic valve

Ref.	DN	H	M	G	L1	Z	L2	Weight
44669	15 mm	51 mm	36 mm	½"	16 mm	45 mm	77 mm	100 g
44670	20 mm	58 mm	39 mm	¾"	19 mm	50 mm	88 mm	160 g
44671	25 mm	65 mm	45 mm	1"	22 mm	54 mm	98 mm	230 g
44672	32 mm	76 mm	51 mm	1 ¼"	24 mm	64 mm	112 mm	335 g
44673	40 mm	88 mm	57 mm	1 ½"	24 mm	74 mm	122 mm	515 g



Connectors

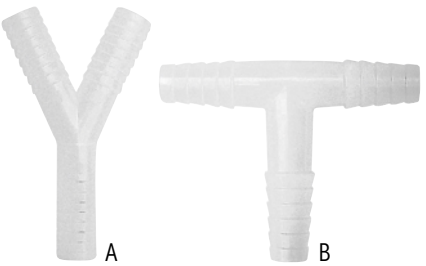


Black ribbed connectors

Ref.	Ø	Ø A	Ø B
44537	⅜"	16 mm	18 mm
44538	½"	20 mm	22 mm
44539	¾"	25 mm	27 mm
44540	1"	30 mm	32 mm
44541	1 ¼"	40 mm	42 mm
44542	1 ½"	50 mm	52 mm

White ribbed connectors

Ref.	Thread	For hose
14192	¾"	22 - 25 mm
14195	1 ½"	42 - 48 mm


A B

Hose connectors

	Ref.	Model	Thread
A	**13595**	Y	½" - 13 mm
B	**13597**	T	½" - 13 mm

Brass plumbing

Brass thru-hull fittings

Brass
CW617
(CuZn40Pb2)

GUIDI since1968 MARINE ACCESSORIES

Chrome-plated brass, threaded

Thread Ø	Ref.	External Ø	Internal Ø	Thread length
3/8"	**13554**	34 mm	12 mm	53 mm
½"	**13555**	37 mm	15 mm	60 mm
¾"	**13556**	47 mm	20 mm	65 mm
1"	**13557**	55 mm	25 mm	80 mm
1" ¼	**13558**	64 mm	33 mm	80 mm
1" ½	**13559**	72 mm	39 mm	90 mm
2"	**13560**	85 mm	50 mm	100 mm

Flush head brass, threaded

Thread Ø	Ref.	External Ø	Internal Ø	Thread length
3/8"	**13561**	30 mm	12 mm	50 mm
½"	**13563**	35 mm	15 mm	61 mm
¾"	**13565**	46 mm	20 mm	67 mm
1"	**13567**	52 mm	25 mm	72 mm
1" ¼	**13569**	61 mm	33 mm	70 mm
1" ½	**13571**	68 mm	39 mm	71 mm
2"	**13573**	82 mm	50 mm	75 mm

Standard shape brass, threaded

Thread Ø	Ref.	External Ø	Internal Ø	Thread length
3/8"	**404627**	30 mm	12 mm	50 mm
½"	**404628**	36 mm	15 mm	61 mm
¾"	**404629**	40 mm	20 mm	65 mm
1"	**404630**	50 mm	25 mm	70 mm
1" ¼	**404631**	60 mm	34 mm	70 mm
1" ½	**151106**	66 mm	39 mm	70 mm
2"	**419122**	82 mm	50 mm	70 mm

Inch thread on all our selection of brass plumbing parts

Conversion table	
Current inch table	Former metric table
¼"	8-13
3/8"	12-17
½"	15-21
¾"	20-27
1"	26-34
1" ¼	33-42
1" ½	40-49
2"	50-60

Brass connectors

45° hose elbow, male/female

Thread Ø	Ref.	Length
3/8"	**63951**	51 mm
1/2"	**408305**	55 mm
3/4"	**408306**	63 mm
1"	**408307**	72 mm
1" ¼	**408308**	85 mm
1" ½	**408309**	91 mm
2"	**408310**	105 mm

90° elbow, male/female

Thread Ø	Ref.
1/4"	**63986**
3/8"	**13574**
1/2"	**13575**
3/4"	**13576**
1"	**13577**
1" ¼	**13578**
1" ½	**13579**
2"	**13580**

90° elbow, female/female

Thread Ø	Ref.
1/4"	**63954**
3/8"	**13598**
1/2"	**13599**
3/4"	**13600**
1"	**13601**
1" ¼	**13602**
1" ½	**13603**

T-connector, female

Thread Ø	Ref.	Length
1/4"	**151152**	42 mm
3/8"	**13584**	47 mm
1/2"	**13585**	49 mm
3/4"	**13586**	60 mm
1"	**13587**	70 mm
1" ¼	**13588**	85 mm
1" ½	**13589**	96 mm
2"	**404514**	115 mm

Male connection nipple

Thread Ø	Ref.	Length
1/4"	**13639**	29 mm
3/8"	**13640**	35 mm
1/2"	**13641**	40 mm
3/4"	**13642**	44 mm
1"	**13643**	48 mm
1" ¼	**13644**	50 mm
1" ½	**13645**	57 mm
2"	**63955**	61 mm

Female connection (sleeve)

Thread Ø	Ref.	Length
1/4"	**13651**	27 mm
3/8"	**13652**	30 mm
1/2"	**13653**	32 mm
3/4"	**13654**	35 mm
1"	**13655**	43 mm
1 ¼"	**13656**	47 mm
1 ½"	**13657**	52 mm
2"	**13658**	64 mm

Male/male connection nipple

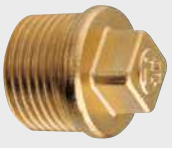
Thread Ø	Ref.	Length
3/8" x 1/4"	**63956**	29.5 mm
1/2" x 3/8"	**13646**	33 mm
3/4" x 1/2"	**13647**	38 mm
1" x 1/2"	**63957**	41 mm
1" x 3/4"	**13648**	42.5 mm
1" ¼ x 1"	**13649**	49 mm
1" ½ x 1"	**63958**	49 mm
1" ½ x 1" ¼	**13650**	52 mm
2" x 1" ½	**408265**	57 mm

Male/female connection nipple

Thread Ø	Ref.	Length
1/4" x 1/8"	**413228**	16 mm
3/8" x 1/4"	**413230**	17.5 mm
1/2" x 1/4"	**413229**	21 mm
1/2" x 3/8"	**413232**	21 mm
3/4" x 1/4"	**413233**	23 mm
3/4" x 3/8"	**413234**	23 mm
3/4" x 1/2"	**413235**	23 mm
1" x 1/2"	**413236**	26 mm
1" x 3/4"	**413237**	26 mm
1" ¼ x 1"	**413238**	30 mm
1" ½ x 3/4"	**413239**	31 mm
1" ½ x 1"	**63959**	31 mm
2" x 1" ¼	**413240**	36 mm
2" x 1" ½	**413241**	36 mm

Female locking nut

Thread Ø	Ref.	Height
1/4"	**408285**	15 mm
3/8"	**408286**	15 mm
1/2"	**408287**	17 mm
3/4"	**408288**	21 mm
1"	**408289**	23 mm
1" ¼	**408290**	26 mm
1" ½	**408291**	26 mm
2"	**408292**	31 mm



Male locking nut

Thread Ø	Ref.	Height
1/4"	**13660**	21 mm
3/8"	**151195**	22 mm
1/2"	**13661**	25 mm
3/4"	**151196**	30 mm
1"	**151197**	35 mm

Hose connectors

Dimensions in mm.

Female hose connector

Ribbed and threaded.

Thread Ø	Ref.	Hose Ø	Internal Ø
1/4"	**151133**	10	6.5
3/8"	**13635**	14	10.5
1/2"	**13636**	13	9.5
1/2"	**13637**	16	12.5
1/2"	**471650**	20	15
3/4"	**151166**	12	9.5
3/4"	**471651**	20	15
3/4"	**471652**	25	20
1"	**471653**	25	20
1"	**471654**	30	25
1" ¼	**63960**	32	27
1" ¼"	**471655**	35	28
1" ¼	**471656**	40	33
1" ½	**151138**	38	34
1" ½	**471658**	45	39
2"	**151140**	50	43

Straight hose male connector

Ribbed and threaded.

Thread Ø	Ref.	Hose Ø	Internal Ø
1/4"	**151127**	6	3.5
1/4"	**151163**	8	5
1/4"	**13619**	10	6.5
3/8"	**412306**	8	5
3/8"	**13621**	13	9.5
3/8"	**404633**	15	11.5
1/2"	**473459**	16	12
1/2"	**13624**	19	15
3/4"	**151131**	16	12
3/4"	**427688**	19	15
3/4"	**404635**	25	20
1"	**13627**	25	19.5
1"	**404636**	30	24
1"	**13628**	32	26
1" ¼	**13629**	32	26
1" ¼	**404637**	35	29
1" ½	**63961**	38	32
1" ½	**404638**	45	39
1" ½	**13632**	50	40
2"	**13633**	50	43
2"	**13634**	60	52

Hose strainer

Hose Ø	Ref.	Dimensions (L x W x H)
20	**63962**	82 x 64 x 25
25	**63963**	110 x 89 x 30

Brass strainers

Intake strainer

Thread Ø	Ref.	External dimensions	Internal Ø	Thread length
1/2"	**51107**	89 x 52	14	76
3/4"	**51108**	106 x 59	19	76
1" ¼	**51110**	123 x 65	33	90
1" ½	**51109**	133 x 71	38.5	90

A

B

Brass strainers

	Model	Ref.	External Ø	Internal Ø
A	Round	**13929**	60	33
		13930	80	54
		13931	100	73
		13932	120	96
B	Oval	**13934**	220 x 150	189 x 112

Anti-return valve connector

Brass body with spring-loaded valve. (st. steel spring).

Thread Ø	Ref.	External Ø	Length
1/2"	**422221**	30	48
3/4"	**429360**	37	53
1"	**429361**	44	59

Brass valves

Nickel plated brass valve, 2-way, female/female

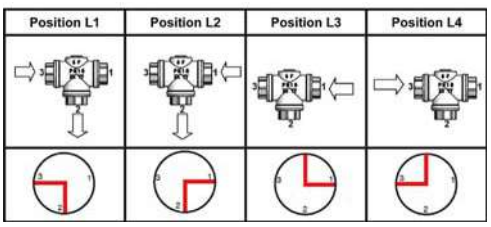
90° movement, full flow.
Nickel plated brass body. PTFE Teflon seats.
Aluminium handle, epoxy coated.

Thread Ø	Ref.	Internal Ø	Body length	Handle length	Max. pressure
1/4"	**13521**	8 mm	45 mm	80 mm	40 bar
3/8"	**13522**	10 mm	48 mm	80 mm	
1/2"	**13523**	14.5 mm	55 mm	80 mm	
3/4"	**13524**	19 mm	65 mm	105 mm	32 bar
1"	**13525**	24 mm	77 mm	105 mm	
1" ¼	**13526**	30.5 mm	87 mm	120 mm	25 bar
1" ½	**13527**	37 mm	101 mm	135 mm	
2"	**13528**	47 mm	117 mm	160 mm	

Nickel plated brass valve, 2-way, male/female

90° movement, full flow.
Nickel plated brass body. PTFE Teflon seats.
Aluminium handle, epoxy coated.

Thread Ø	Ref.	Internal Ø	Body length	Handle length	Max. pressure
1/4"	**63964**	8 mm	45 mm	80 mm	40 bar
3/8"	**63965**	10 mm	48 mm	80 mm	
1/2"	**63966**	14.5 mm	55 mm	80 mm	
3/4"	**63967**	19 mm	65 mm	105 mm	32 bar
1"	**63968**	24 mm	77 mm	105 mm	
1" ¼	**63969**	30.5 mm	87 mm	120 mm	25 bar
1" ½	**63970**	37 mm	101 mm	135 mm	
2"	**63971**	47 mm	117 mm	160 mm	



Nickel plated brass valve, 3-way, female/female/female

90° movement, full flow.
Nickel plated brass body. PTFE Teflon seats.
Aluminium handle, epoxy coated.

Thread Ø	Ref.	Internal Ø	Body length	Handle length	Max. pressure
1/4"	**417292**	10 mm	77 mm	125 mm	25 bar
1/2"	**417298**	14 mm	77 mm	125 mm	
3/4"	**417300**	18 mm	92 mm	145 mm	
1" ¼	**417310**	29 mm	118 mm	170 mm	
1" ½	**417321**	36 mm	138 mm	170 mm	

PLASTIMO
happy boating to you!

Power Management & Electrical

Jean-Marie Liot ©

Chargers

4 outputs

CRISTEC l'énergie embarquée

MADE IN FRANCE

3 year Warranty

YPOWER+ 12V/60A Battery charger

67777

Totally silent, the YPOWER+ charger has natural convection (no fan). Compact format and plug and play, for a quick and easy installation.
Bluetooth, low consumption, connectivity to follow the charging phases, the battery voltage and to control the charger from your smartphone.

- 12V, 60A output current
- Power 855 W
- 4 independent outputs (1 output dedicated to the engine battery)
- Maximum charge up to 60°C ambient, without loss
- Dimensions 236 x 180 x 96
- Weight 3.5 kg

Accessories for YPOWER+

- ***Touch-screen monitor UNI-DISPLAY-R 70605***

- ***Temperature sensor : 70606***
  Length 2.80 m

Common features YPOWER, YPOWER+ & HPOWER

- Automatic universal input voltage : from 90 to 265 VAC.
- Input frequency : 47 to 65 Hz.
- Removable fuses.
- Tropicalization of the electronic card (waterproof varnish).
- Operating temperature up to 60°C without derating.

YPOWER battery chargers

Automatic and autonomous battery chargers : simple and quick mounting combined with top performance and reliability.

Full charge is guaranteed up to +60°C.
No fan : means absolutely silent operation.

Model	Recommended battery bank	Ref.	Outputs	Total rated current ± 7% Rated power	Dimensions L x H x D (mm)	Weight kg	Width between fixing holes (mm)
YPO/12-16 **12 V / 16 A**	100-200 Ah	**64026**	3 (including one for the engine battery) : + BAT E, +BAT 1 & + BAT 2 (integrated Mosfet splitter). Each bank can be used individually and deliver the rated current.	16 A / 228 W	236 x 180 x 96	2.1	219 x 155
YPO/12-25 **12 V / 25 A**	200-300 Ah	**64027**		25 A / 356 W	236 x 180 x 96	2.1	219 x 155
YPO/12-40 **12 V / 40 A**	300-500 Ah	**64028**		40 A / 570 W	289 x 195 x 106	3.5	272 x 170
YPO/12-60 **12 V / 60 A**	500-700 Ah	**64029***		60 A / 855 W	289 x 195 x 106	3.5	272 x 170
YPO/24-12 **24 V / 12 A**	100-200 Ah	**64030**		12 A / 342 W	236 x 180 x 96	2.1	219 x 155
YPO/24-20 **24 V / 20 A**	200-300 Ah	**64031**		20 A / 570 W	289 x 195 x 106	3.5	272 x 170
YPO/24-30 **24 V / 30 A**	300-500 Ah	**64032***		30 A / 855 W	289 x 195 x 106	3.5	272 x 170

* Models with fan.

Accessories for YPOWER

- ***YPO-DISPLAY R touch-screen control panel : 65333***
  Colour display on a high resolution front facia (4.7 x 3.7 cm).
  Displays in real time data about the battery charging status and the charger's AC input power.

- ***Input connector AC WAGO WINSTA 64580***
  Originally supplied with chargers, also available as spare parts.

- ***Temperature sensor : 64579***
  Length 2.80 m.

- ***Output connectors DC PHOENIX CONTACT 64581***
  Compatible with ref. 64026, 64027, 64028, 64030, 64031.

64582
Compatible with ref. 64029 et 64032.

HPOWER battery chargers

Allow fast connection of charger power, batteries and direct access to the various settings available.

Options

- ***Temperature sensor 2.8 m for HPO charger HPO : 67100***

- ***HPO touch-screen monitor : 67099*** *(see Page 461)*

Voltage	Model	Ref.	No. of outputs	Rated current / Power	Dimensions L x H x D	Weight
12 V	HPO12-90	**67044**	3 separated positive poles including one dedicated to the engine battery. +BAT E, +BAT 1 and +BAT 2 (integrated battery isolator). 1 negative pole-BAT. Every output can be used alone. It will then deliver all the current on a single output.	90 A / 1282 W	270 x 360 x 130 mm	6.8 kg
24 V	HPO24-45	**67045**		45 A / 1282 W	270 x 360 x 130 mm	6.8 kg
	HPO24-60	**67046**		60 A / 1710 W	270 x 360 x 130 mm	6.8 kg
	HPO24-80	**67047**		80 A / 2280 W	270 x 360 x 130 mm	6.8 kg
	HPO24-100	**67048**		100 A / 2850 W	270 x 410 x 130 mm	9 kg

Shore-power units YPower range

3 year Warranty

Combine in a single cabinet the 230 Vac circuit protection and a battery charger.

- Input voltage : from 90 to 265 VAC (automatic).
- Input frequency : from 47 to 65 Hz.
- Output voltage : 12 VDC ±1 %.
- Three automatic charge cycles : Boost, Absorption, Floating (IUoU).
- Additional Refresh and Reboost selectable by internal switch.
- Timed Boost by internal switch (on/off).
- Charge distributor incorporated into each battery output.
- 3 independant outputs - Specific output matched to the engine battery charging (+ BAT E).
- Selection of the curve of charge according to the battery type : AGM, Gel, Calcium Lead, Lead sealed, Lithium Ion Iron Phosphate, etc.
- Internal potentiometer allows output voltage to be adjusted.
- Protection against short-circuit and polarity reversal (removable fuses on input and output).
- One 16 A / 30 mA RCD / GFCI.
- 2 or 3 x 10 Amp DPN MCB depending on model.
- Natural cooling.

Accessoires pour YPOWER

- ***YPO-DISPLAY R touch-screen control panel : 65333***
  Colour display on a high resolution front facia (4.7 x 3.7 cm). Displays in real time data about the battery charging status and the charger's AC input power.

Reference	Model	Recommended battery bank	Charger current	Charger ouputs	Number of 10A (Miniature Circuit Breaker)	Weight	Dimensions L x H x D
65325	**12 V / 16 A**	100-200 Ah	16 A	3	2	4.4 kg	389 x 214.5 x 137.2 mm
65328	**12 V / 25 A**	200-300 Ah	25 A	3	2	4.4 kg	389 x 214.5 x 137.2 mm
65331	**12 V / 40 A**	300-500 Ah	40 A	3	3	6 kg	439 x 214.5 x 134.2 mm

Electronic battery isolators RCE

2 year Warranty

Electronic battery isolators with MOSFET technology (MOS transistors).

RCE isolators (Répartiteurs de Charge Electronique) provide an optimum battery charge, with no voltage drop and without raising the battery temperature, where traditional splitters would typically lose approx. 0.7 V.

RCE instruments isolate battery banks and direct automatically the current load to the lowest charged battery. They operate on 12 or 24 V from any source of energy : alternator, wind generator, solar panel, charger, etc.

Complete and quick charge of 2 or 3 battery banks :

- Integrated ignition alternator terminal (except ref. 477519).
- Connection : + battery on threaded rods, - battery on Faston terminal at minus common (reference).
- Operation status indicator (operational voltage).
- Operating temperature : -40°C/+85°C.
- Natural cooling.

	Model	Ref.	Nominal current	Number of inputs	Number of outputs	IG terminal*	Dimensions L x H x D	Weight
A	**100A 1E/2IG**	**477517**	100 A	1 (Ø M6)	2 (Ø M6)	Yes	146 x 97 x 85 mm	0.8 kg
B	**100A 1E/3IG**	**478774**	100 A	1 (Ø M6)	3 (Ø M6)	Yes	158 x 146 x 85 mm	0.8 kg
-	**100A 2E/3**	**477519**	100 A	2 (Ø M6)	3 (Ø M6)	No	158 x 146 x 85 mm	0.8 kg
A	**150A 1E/2IG**	**478775**	150 A	1 (Ø M8)	2 (Ø M6)	Yes	146 x 97 x 85 mm	0.8 kg
B	**150A 1E/3IG**	**477518**	150 A	1 (Ø M8)	3 (Ø M6)	Yes	158 x 146 x 85 mm	0.8 kg
A	**180A 1E/2IG**	**63849**	180 A	1 (Ø M8)	2 (Ø M8)	Yes	146 x 97 x 85 mm	0.8 kg
B	**180A 1E/3IG**	**63850**	180 A	1 (Ø M8)	3 (Ø M8)	Yes	158 x 146 x 85 mm	0.8 kg
B	**200A 1E/3IG**	**478776**	200 A	1 (Ø M10)	3 (Ø M8)	Yes	158 x 146 x 85 mm	0.8 kg

*Alternator excitation

Converters

CRISTEC
l'énergie embarquée

2 year Warranty

Made in France

DC/DC Converters

They guarantee a steady quality output voltage and provide galvanic insulation.
Thanks to a large input voltage range, they offer the possibility to connect directly to the battery terminals. The converter performs then as a battery charger.

Possibility to install up to 4 converters in parallel to increase the power available.

Converter : stabiliser/regulator, used typically in 3 circumstances :
To reduce the voltage / To boost the voltage / To stabilise the voltage.

Adjustment range of voltage output with internal potentiometer :

- 12 V : 10.77 to 16.17 Vdc
- 24 V : 20.50 to 32.25 Vdc

- **Input voltage :**
  12 Vdc input at nominal rate : 10 to 18 Vdc
  24 Vdc input at nominal rate : 18 to 36 Vdc
- **Cooling :** Natural
- **Presentation :** In closed housing ; fixing with screw terminals
- **Input protection :** Reverse polarity. EMI filter. Fuse
- **Output protection :** Against short-circuit, against overload by current limitation, against overvoltage
- **Dimensions :** 166 x 108 x 80 mm
- **Weight :** 1,230 kg

Ref.	Input voltage	Output voltage	Output	Max. output current
60808	12 Vdc	24 Vdc	8 A	10 A
60812	12 Vdc	12 Vdc	16 A	18 A
60809	24 Vdc	12 Vdc	16 A	18 A
60832	24 Vdc	24 Vdc	8 A	10 A
60810	24 Vdc	48 Vdc	4 A	5 A

SOLO DC/AC puresine inverters

The purpose of an inverter is to transform the battery direct voltage into alternating current.
Solo inverters deliver a sinusoidal wave identical to home mains power. This allows a wide scope of applications, including computers, lighting, Hi-Fi, domestic equipment.
They can handle high current peaks in the starting transient phase of some equipment such as microwaves, electric tools, compressor, coffee machine, etc...

- Significant overload capacity to manage starting surges.
- High efficiency and low consumption in stand-by mode.
- High reliability, minimum size and weight.
- Fuse integrated protection.
- Battery protection with Off feature if voltage is too low.
- Silent operation preserves your comfort on board.
- Operating temperature - 20 to + 50° C.

Model	Input voltage	Ref.	Rating power	Max power	Instantaneous power	Dimensions	Weight
SOLO inverter	12 VDC	**473683**	200 VA	275 VA (30 mn)	450 VA	163 x 142 x 84 mm	2.4 kg
		473685	800 VA	1000 VA (30 mn)	2200 VA	428 x 142 x 84 mm	8.5 kg
		473687	2000 VA	2100 VA (30 mn)	5000 VA	399 x 273 x 117 mm	19 kg
	24 VDC	**473688**	300 VA	350 VA (30 mn)	650 VA	163 x 142 x 84 mm	2.6 kg
		473691	2000 VA	2400 VA (30 mn)	5200 VA	399 x 273 x 117 mm	18 kg
ON/OFF remote control*	-	**473694**	2000	-	-	-	-

*Can be used with SOLO 2000 VA.

CRISTEC
l'énergie embarquée

2 year Warranty

Touch-screen monitor for chargers

- **For YPower+ : 70605**
- **For YPower : 65333**
- **For HPower : 67099**

Innovating remote display is offered as option for YPower, YPOWER + and HPower battery chargers and shore-power units 12 V and 24 V.
It displays information about the charging process while the charger is running as well as battery supervision when AC network is off.
User friendly thanks to it 2.5" color touch-screen.

- Battery voltage (up to 3).
- AC network status : voltage and frequency.
- Total charger's output current.
- Charge status (Boost, Absorption, Floating).
- Battery pack temperature (if optional probe connected to the charger).
- Brightness night and day to be switched by pressing the center part of the screen.
- Battery channel and name : up to 3 - house, starter, bow, etc.
- Charger output : ON/OFF.*
- Alarm : battery low voltage, high voltage, etc.
- Output battery charger current : from 100 % to 30 %.
- Day mode : brightness.
- Night mode : ensures quiet operation by stopping charger's fan if any.
- Charger parameters : battery type, boost ON/OFF, etc.
- Languages : German, English, Spanish, Italian, French and Turkish.

* Except charger models 12, 16 and 25 A.

Display	
External dimensions	105 x 75 x 25 mm
Screen dimensions	51 x 39 mm
Cut-out	87 x 65 mm
Weight	< 500 g
Ingress protection of front side	IP65, not for outdoor use
DC supply range	DC 8-30 V via +BAT E terminal
Operating temperature	From -10° C to +50° C
Storage temperature	From -20° C to + 70° C
Convection	Natural

System DC consumption via +BAT E terminal	
Display and interface at full brightness	72 mA @12 VCC
Display and interface in sleep mode	5 mA @12 VCC
Remote display in sleep mode	2.2 mA @12 VCC
Interface only (display not connected)	2.8 mA @12 VCC

Touch-screen 3.5" battery monitor 12 & 24 V

66477

Monitors a battery or the output of DC energy sources.
Originally included :
1 shunt
1 NO / NF contact, allowing external control if threshold is exceeded
1 additional possibility of battery voltage measurement.

Options

- ***Extra shunt : 66478***
  System accepts up to 2 additional shunts. Battery monitor (screen + one 300 A shunt)

- ***Temperature gauge with 2.8 m cable : 66479***

Voltage Guard, battery guard

66476

Voltage Guard VLTG-70 protects your battery bank against deep discharge, overvoltage and overload.

Compatible with all types of 12 and 24 Vcc batteries : gel, AGM, Calcium, etc… Low voltage threshold can be selected from 4 external DIP switches. When your battery reaches the pre-set low voltage, the Voltage Guard will disconnect automatically the DC consumers. Features an integrated buzzer and LED to monitor its operating state.

- Rated current (constant) : 70 A.
- Max. current (10 sec. @ 20°C) : 140 A.
- Voltage : 12 and 24 Vcc.
- Input voltage range : 8-31 Vcc.
- Consumption : > 2 mA (LED off).
- Housing : plastic, with external fittings – IP51.
- Connection : on threaded rods.
- Dimensions (L x H x D) : 100 x 89.2 x 43 mm.
- Weight : 0.210 kg.
- Operating temperature : -10° to + 60°C.
- Storage temperature : -20° to + 85°C.
- 12 V low voltage adjustment : 9 - 12 Vcc.
- 12 V over-voltage threshold : 15.5 Vcc.
- 24 V low voltage adjustment : 18 - 24 Vcc.
- 24 V over-voltage adjustment : 31 Vcc.

Batteries

Jet-ski 12V AGM battery

69142

Designed to withstand sensitive environments, this AGM battery is ideal for jet-skis.

- Maintenance free.
- Fully sealed case, without gas release.
- Compact size.
- Long service lifetime.
- Low self-discharge rate.
- High cold cranking Amps.

START

2 year Warranty

Ref.	Capacity C20	Cold cranking Amps (-18° C)	Dimensions (L x W x H)	Weight
69142	18 Ah	CCA 270 A (EN)	175 x 87 x 155 mm	4.8 kg

AB POWER

A

B

C

AB Power batteries SMF lead-acid calcium (sealed, maintenance-free)

Ready for use and extremely reliable,
the AB Power batteries are leak-proof up to 45°.
Charge voltage : 14.4 V without boost / 15.1 V with boost.

START

ON

2 year Warranty

	Ref.	Type	Voltage	Capacity	Cold Cranking Amps (-18°C)	Marine Cranking Amps (0°C)	Dimensions (L x W x H)	Weight	Charge indicator
A	**475565**	Engine starting	12 V	60 Ah	540 A	600 A	242 x 175 x 175 mm	13.5 kg	✔
	183887		12 V	72 Ah	640 A	700 A	278 x 175 x 175 mm	15.5 kg	✔
B	**62274**	Engine starting and small service battery	12 V	86 Ah	640 A	720 A	257 x 172 x 220 mm	21 kg	✔
	183884		12 V	110 Ah	720 A	800 A	330 x 172 x 242 mm	24 kg	✔
C	**67626**		12 V	140 Ah	800 A	880 A	506 x 182 x 210 mm	36 kg	-
	67627		12 V	180 Ah	1000 A	1100 A	507 x 212 x 210 mm	43.5 kg	-
	67628		12 V	225 Ah	1150 A	1250 A	509 x 274 x 218 mm	55.8 kg	-

Batteries AGM

2 year Warranty

AB POWER

Our versatile batteries are ideal for all common marine applications.
- Maintenance free.
- Fully sealed case, without gas release.
- Low self-discharge rate (2-3 %) : ideal for seasonal use.

A

B

C

AGM Dual Purpose Battery

Can be used as "mixed battery" to start an engine and/or for servicing as well as to power an electric motor.

- Long service lifetime.
- 5 to 6 times more resistant to cycling than a conventional liquid battery.
- Robust construction (high vibration resistance).
- Durability : 700 cycles at 50 % discharge.

	Ref.	Capacity C20	Cold cranking Amps (-18° C)	Dimensions (L x W x H)	Weight
A	**69130**	90 Ah	CCA 620 A (EN)	260 x 168 x 211 mm	26.5 kg
B	**69131**	105 Ah	CCA 780 A (EN)	307 x 168 x 211 mm	28.1 kg
C	**69132**	130 Ah	CCA 960 A (EN)	330 x 172 x 214 mm	33.5 kg
D	**69133**	185 Ah	CCA 1440 A (EN)	532 x 207 x 219 mm	51 kg

D

A

B

C

AGM Carbon Battery

Designed for a longer life and perfectly adapted to very demanding environments. Ideal for intensive use and for stand-alone installations. Accept deep and repeated discharges.

- Faster recharges than for conventional batteries.
- Longer autonomy under heavy use and at low temperatures.
- Longer life than standard AGM batteries.
- Maintains high voltage even during deep discharges.
- High resistance to shocks and vibrations.
- Durability : 2500 cycles at 50 % discharge.

	Ref.	Capacity C20	Dimensions (L x W x H)	Weight
A	**69134**	85 Ah	260 x 168 x 215 mm	26.4 kg
B	**69135**	110 Ah	330 x 171 x 219 mm	32 kg
C	**69136**	145 Ah	336 x 172 x 279 mm	41 kg
D	**69137**	215 Ah	522 x 240 x 222 mm	59 kg

D

Lithium battery

A

B

C

D

2 year Warranty

12 V Lithium LFP battery (Lithium Fer Phosphates)

Far surpasses all other technologies for servicing applications thanks to their unmatched durability. With their internal BMS, for a simple use, they can easily replace conventional lead-acid batteries.

- No loss of performance throughout its lifetime.
- Much faster recharging than with a conventional battery.
- Increased autonomy during heavy use.
- Voltage remains high, even at high discharge.
- Wide operating temperature range (-20° to 60°).
- 2 to 3 times lighter.
- Durability : more than 5000 cycles at 50 % discharge.

	Ref.	Capacity C20	Dimensions (L x W x H)	Weight
A	**69138**	54 Ah	229 x 138 x 217 mm	6.7 kg
B	**69139**	84 Ah	260 x 169 x 218 mm	10.2 kg
C	**69140**	100 Ah	328 x 172 x 220 mm	13.1 kg
D	**69141**	216 Ah	522 x 238 x 220 mm	28.1 kg

How to select your battery ?

Starting outboard and inboard engines

The choice of battery is determined by cold start performance (CCA). The admissible value for each battery is indicated on the battery. For starting engine, choose a Lead Calcium type model.

Electrical navigation and comfort equipment (service battery)

Add up the consumption of every equipment (multiply the power by the number of hours in use)

Exemple :

- Cabin light: 3 bulbs of 10 Watts x 6 hours = 180 Wh.
- Electronic equipment: 100 Watts x 8 hours = 800 Wh.
- Navigation lights: 40 Watts x 8 hours = 320 Wh.

TOTAL = 1300 Wh

If the electrical voltage is 12 Volts, the approximate consumption is: 1300/12 = 108 Ah. Depending on the means of recharging with which your boat is equipped, plan batteries with a total capacity equivalent to double consumption. Or, for a consumption of 108 Ah, 2 batteries of 110 Ah.

A **lead-acid battery** is especially suitable for starting the engine. It may also be installed for small service. It must never be discharged beyond 50% of its nominal capacity. The lifespan of a lead acid battery is approximately 250 cycles.

An **AGM Carbon battery** accepts discharges up to 80% maximum and has a lifespan of approximately 2500 cycles. It is therefore perfectly suited to service and to increase your autonomy.

A **lithium battery** can be discharged to almost 100% of its nominal capacity. In theory, a lead-acid battery can be replaced by a lithium battery with a nominal capacity 50% lower than the original lead-acid battery. It has a lifespan of around 5,000 cycles and weighs about half the weight of a lead-acid battery. This battery is also ideal for powering an electric motor.

Mixed use

The energy consumed by starting the engine is negligible compared to other electrical appliances on board. The battery capacity will therefore be calculated based on the consumption of these devices, and a check will be made to ensure that the maximum starting current of this battery (CCA) is sufficient for the engine. **AGM Dual Purpose** batteries accept discharges up to 60 % and feature high cold start performance. Their lifespan is approximately 700 cycles. They are therefore ideal for mixed use.

A

Applications : exceptional starter current intensity (Bow thrusters, windlasses, engine starting, etc.).

B

Service battery for powering onboard equipment. Withstands repeated heavy discharge.

C

High-capacity battery combining increased starting power and the ability to safely power onboard electrical equipment.

Tubular sealed AGM baterries

OPTIMA BATTERIES

Optima batteries incorporate the SPIRALCELL technology : they provide much greater power than conventional batteries and deliver strong loads over short periods of time. There are **ideal for use with engine start or bow thruster applications**.
Charge voltage : 13.6 V without boost / 14.4 V with boost.

2 year Warranty

Construction features lead sheets separated by fibreglass layers to retain electrolyte.
Circular-plated watertight batteries, compact, vibration-resistant and leak-proof.

	Ref.	Type	Voltage	Capacity	Cold Cranking Amps (-18°)	Marine Cranking Amps (0°)	Dimensions (L x W x H)	Weight
A	**473383**	Engine starting, bow thrusters, windlasses	12 V	50 Ah	815 A	900 A	254 x 175 x 200 mm	18 kg
B	**474884**	Service battery	12 V	55 Ah	765 A	860 A	244 x 175 x 200 mm	20.3 kg
C	**474885**	Engine starting and service battery	12 V	75 Ah	975 A	1100 A	325 x 165 x 238 mm	27.9 kg

- Can be recharged 3.5 times quicker than a traditional battery.
- Gas recombination : 100% maintenance-free.
- Withstands 15 times more vibration.
- Long storage life.
- Allows up to 7.5 times more discharge cycles than traditional batteries.
- 100% watertight.
- Can be installed on lying position.

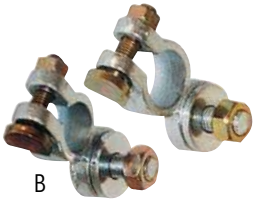
HOW TO INSTALL YOUR BATTERY ON BOARD

- Make sure that contact is cut off.
- Disconnect the defective battery by starting first with the cable linked to the mass (negative terminal).
- Clean battery support and terminals if necessary, with a metallic brush.
- Install new battery.
- Secure the battery firmly.
- Reconnect, starting with the positive cable (usually the red one). Tighten the clips reasonably, and apply grease to the terminals.

HOW TO WINTER YOUR BATTERY AND PROLONG ITS LIFETIME

During the winter lay-off period, or during long periods of rest (over one month), disconnect your battery and then re-charge it to 100 %. Store it in a sheltered place, away from any source of heat, to avoid the plates sulphating irreversebly. A tension check and possibly a re-charge are necessary before putting the battery to use again.

A



B

Battery terminals

	Ref.	Description
A	**471086**	With plastic wing screw, insert nut + cadmium-plated 8 mm Ø stem.
	471087	With plastic wing screw, insert nut - cadmium-plated 8 mm Ø stem.
B	**471076**	With clamping nut + cadmium-plated 8 mm Ø stem.
	471077	With clamping nut - cadmium-plated 8 mm Ø stem.
	471078	With clamping nut + cadmium-plated 10 mm Ø stem.
	471079	With clamping nut - cadmium-plated 10 mm Ø stem.

Battery boxes

A

B

C

D

E

Battery boxes

	Ref.	Description	External dimensions (L x W x H)	Internal dimensions (L x W x H)	Suitable for battery
A	**13824**	Acid resistant rigid polypropylene. Ventilated. Comes with strap.	356 x 244 x 270 mm	270 x 180 x 257 mm	*475565, 62274, 69130, 69134, 69138, 69139*
B	**196508**	Designed for small batteries. Complete with fastening strap and hasp.	340 x 230 x 250	280 x 195 x 230 mm	*183887*
C	**426442**	Polypropylene construction for total acid resistance. Supplied complete with strap. Large handles for easy carrying. Instructions moulded inside cover.	425 x 245 x 280 mm	325 x 180 x 220 mm	*69131*
D	**17518**	Acid resistant polypropylene. Comes with strap and inside partition.	470 x 225 x 255 mm	385 x 175 x 225 mm	*62274, 183884, 69132, 69135, 69136, 69140*
E	**403641**	Polypropylene construction for total acid resistance. Supplied complete with strap. Large handles for easy carrying. Instructions moulded inside cover.	480 x 230 x 260 mm	390 x 180 x 200 mm	-

Options & Accessories

Battery box retaining straps
27871
Set including 2 straps with buckle and 4 polyamide hold-down clamps.

Fixing brackets
43897
Fixing brackets, black polyamide, with 1.30 m strap.

Batteries must be fastened in order to prevent any risk of shift, whatever the boat's angle of heel.

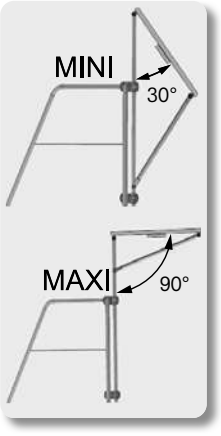
Swivelling pushpit-mount holder for solar panel

49169

Kit supplied with :

- 1 holder (316 st. steel).
- 2 pushpit-mount Plasticlips, suitable for rail Ø 18.5 to 25.5 mm.

The holder + solar panel assembly is easily mounted and removed, by simply tightening or loosening the 2 Plasticlips.
Max. weight 10 kg.



Battery accessories

EZ Elec

Never cut batteries when the engine is running, as this might deteriorate the alternator.

EZ Elec battery switch

The EZ Elec unit was developed by the Plastimo R & D team in cooperation with the most prestigious European boatbuilders. In addition to addressing the battery switch function on deck, it also brings **innovative solutions to mounting issues** : only one operator is required to install our EZ units, generating substantial labour and time saving for the boatbuilder.

A solution that combines **efficient installation and perfect integration** that matches the boat design and style.

- **Comfort and safety :** Splashproof when closed.
- **Stylish design :** Round or square versions with a choice of 2 colours to match stylishly and fit snugly in any deck or transom of sail and power boats, for a clean uncluttered look.
- **Flexibility*** : Flexible cover, unbreakable in case it gets snagged with crew moving about the deck.
- **Durable materials :** ASA/ABS rigid cover. UV-resistant cover withstands temperature variations.
- ABS built-in housing. Maintenance free.
- **Premium components :** A4 Torx screws.

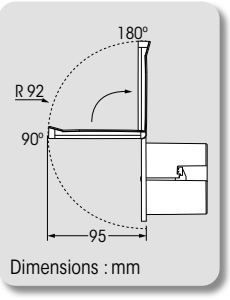
Complete ready-to-use units, including **a 100 A – 12 V unipolar kill cord (500 A. for 10 sec. max., starting cycle)** and a removable key.

Model	Rigid		Flexible
	White	Chrome	White
Round cover	**67214**	**68780**	**70980**
Square cover	**67215**	**68781**	**70981**

Spare key : 13316

DESIGNED BY PLASTIMO

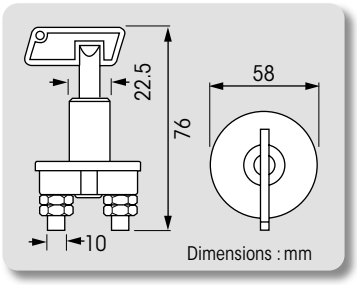
See EZ mounting principle on page 474.



Dimensions : mm

EZ Flex

* FLEXIBLE COVER.



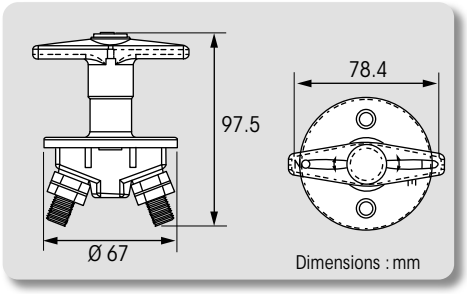
Dimensions : mm

2-pole battery switch 100 A

23593

100 A – 12 V battery isolator switch
(500 A for 10 sec. max., starting cycle)
Removable key.

Spare key : 13316.



Dimensions : mm

2-pole battery switch 300 A

65354

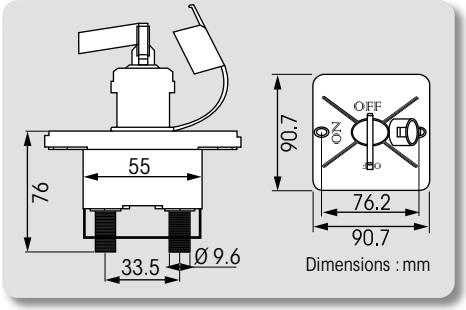
300 A – 12 V battery isolator switch
(1000 A for 10 sec. max., starting cycle)
Fixed key.

4-pole battery switch

64254

240 A – 12 V / 120 A – 24 V
(1500 A for 10 sec. max., starting cycle).

Spare key : 64255.



Dimensions : mm

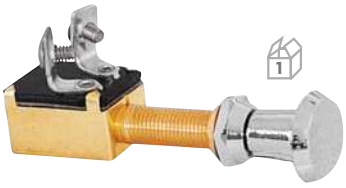
Switches

Tilt switch

10

414892

2-position switch.
Dimensions : 31 x 17 x 32 mm.
Amp : 15 A.



Pull switch

1

402754

2-position chromed switch - 3 contact plates
Ø 9 mm, overall length 95 mm.
12 V - 15 A.

A

B

C

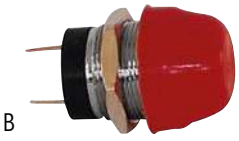
D

Lever switches

	Description	Ref.	Features	
A	**2-position switch**	**418631***	Polished metal - 12 V - 15 A - Ø 12 mm	2
B	**Long lever, On/Off + protective cap rated IP67**	**409939**	Black plastic and nickel-plated brass - Ø 12 mm - 15 A. Max 250 Vac - 30 Vdc. Silver contact. Fits plate thickness 1 to 6 mm. Dim. 30 x 17 x 27 mm.	1
C	**2-position switch**	**415215**	Black plastic - Ø 11 mm - 10 A	10
D	**Protective end-cap**	**414968**	Black plastic and brass. 6 A - Ø 11 mm.	10

** 64253 : waterproof cap for 418631 (x1).*

A


B

C

Push-button contactors

	Description	Ref.	Dia.	Amp	
A	**Watertight push-button – plastic and black chromed brass**	**419585**	Ø 22 mm	20 A	1
	Watertight push-button - plastic	**412970**	Ø 22 mm	20 A	
B	**Watertight push-button – plastic and red chromed brass**	**419586**	Ø 22 mm	20 A	
C	**Watertight contactor – Black end-cap – Chromed brass**	**419583**	Ø 14 mm	30 A	

Battery master switch

17540

Suitable for one or two battery installations : to isolate or cluster the lighting and engine start circuits.
Capacity 150 A/12 V.
Polycarbonate case, footprint Ø 134 mm, height 65.7 mm.
Easy surface mounting, supplied with instructions.
Knob Ø : 52 mm.

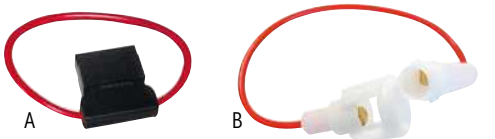
Fuses

Cylindrical glass fuse holder
414891

For fuse 6 x 32 mm.
Fuses not included.
A. For fuse 10 A max

Fuses

Amp	A - Cylindrical glass 6 x 32 mm	B - ATO/ATC
5 A	**403811**	**424802**
7.5 A	**403818**	-
10 A	**404543**	**424803**
15 A	**403836**	**424804**
20 A	**404545**	**424805**
25 A	**403812**	**424806**
30 A	-	**424807**



Fuse holder

A. ATO plug-in fuse holder. 15 Amp max. : 409690
Fuse not included.
Protection cap. 15 Amp max.

B. 6 x 32 mm glass fuse holder : 13312
Fuse not included.

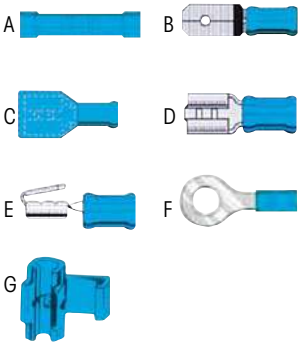
ATO plug-in fuse box (max. 30 A)

Bluesea 6 or 12-space fuse box.
General + and – connection terminal.
Thermoplastic and polycarbonate fuse box.
Screw (max. 30 A per terminal) and multi-wire terminal connection.
6.35 ATO-type flat plug-in fuses (max. 30 A rating).
Space for replacement fuses.

A. 6-fuse box : 471059
152 x 51 mm.

B. 12-fuse box : 471058
153 x 81 mm.

Terminal lugs



Pre-insulated crimp-type connector, ampliversal

	Model	Blue (1 to 2.6 mm²)
A	Butt splice	**429338**
B	6.3 mm bare male cable lug	**429339**
C	6.3 mm insulated female cable lug	**429340**
D	6.3 mm bare female cable lug	**429330**
E	6.3 mm male/female cable lug	**402793**
F	Ø 4 mm ring lug connector	**429332**
F	Ø 5 mm ring lug connector	**429333**
F	Ø 6 mm ring lug connector	**429334**
F	Ø 8 mm ring lug connector	**429335**
G	Wide 3- channel clip connector	**402815**

AMP non-insulated free coupler connector for crimping

Cable section (mm²)	Ref.	
10	**409973**	50
16	**409974**	10
25	**409975**	10
35	**409976**	10
50	**409977**	5

Solder terminal lug

Eye Ø	Cable section (mm²)							
	16		25		35		50	
6 mm	**428472**	100	**427333**	10	-		-	
8 mm	**428473**	10	**414492**	10	**414494**	10	**414497**	25
10 mm	-		-	-	**414495**	10	**414498**	10
12 mm	-		-		-		**423811**	10

Electrical panels

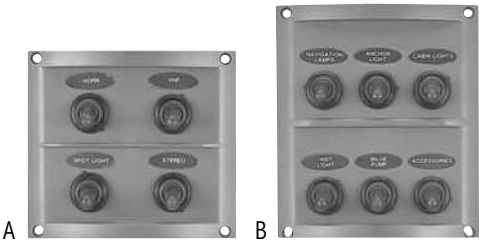
IP65

Identification labels included

Plastic waterproof switch panel

12 V Panels in UV stabilised grey plastic with neoprene coated rubber switch covers.

	Model	Ref.	Dimensions (L x H x D)	Fuses ATO/ATC
A	**4-gang panel**	**175531**	110 x 100 x 60 mm	2 x 15 A
B	**6-gang panel**	**175532**	110 x 125 x 60 mm	3 x 15 A



Aluminium waterproof switch panel

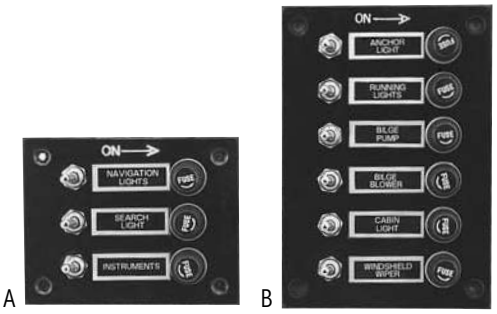
12 V Waterproof aluminium panel with LED switches.

	Model	Ref.	Dimensions (L x H x D)	Fuses glass 6 x 32 mm
A	**3-gang panel**	**175672**	135 x 95 x 70 mm	1 x 5 A + 2 x 15 A
B	**6-gang panel**	**175673**	135 x 192 x 70 mm	1 x 5 A + 5 x 15 A

Bakelite switch panel

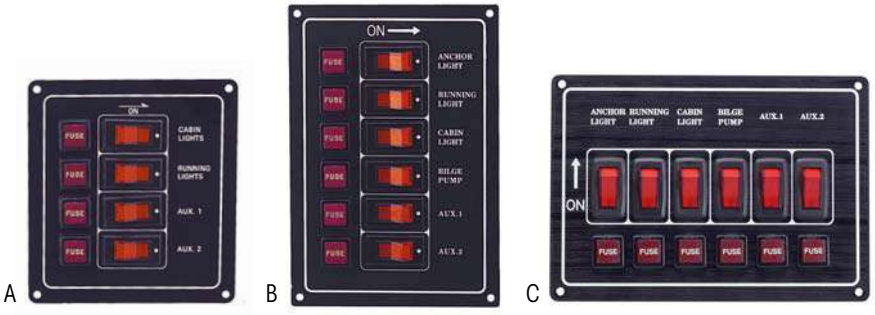
12 V Black bakelite panel with toggle switches.

	Model	Ref.	Dimensions (L x H x D)	Fuses glass 6 x 32 mm
A	**3-gang panel**	**175529**	115 x 90 x 35 mm	3 x 5 A
B	**6-gang panel**	**175530**	115 x 165 x 35 mm	6 x 5 A



Anodised aluminium switch panel

12 V Black anodised panel with illuminated rocker switches.



	Model	Ref.	Dimensions (L x H x D)	Fuses glass 6 x 32 mm
A	**4-gang vertical panel**	**175535**	115 x 123 x 50 mm	4 glass fuses, 5 A + 1 spare 10 A fuse
B	**6-gang vertical panel**	**175533**	115 x 165 x 50 mm	5 glass fuses, 5 A 1 glass fuse, 15 A + 2 spare 10 A fuses
C	**6-gang horizontal panel**	**175534**	165 x 115 x 50 mm	5 glass fuses, 5 A 1 glass fuse, 15 A + 2 spare 10 A fuses
D	**6-gang vertical panel**	**175538**	115 x 165 x 50 mm	Circuit-breakers : 2 x 5 A, 2 x 10 A , 2 x 15 A

12 Volt water resistant panels, extremely reliable. Compact : take up less space than comparable competitive products. Very functional and soft green backlit to identify switch functions easily.

Adhesive labels and fixing screws included.

connex HARNESSING WIRE

LIFETIME Warranty

A B C D E

Made in New Zealand

RoHS

Compliant with RoHS European directive (2002/95/CE), stands for Restriction of Hazardous Substances (10 substances).

Switch panel

Available with switch and fuse.

- Fuse rating 15 Amp. max.
- A red LED light indicates fuse blown. Replacement is easy from removable front facia.
- One piece back plate and rubber switch boots ensure water resistance.

IP65

Fuse included : (3 x 5 A) + (3 x 10 A).

	Model	Ref.	Dimensions W x H
A	4-way switch panel	**66991**	68 x 119 mm
B	4-way switch panel + 12 V	**66992**	68 x 165 mm
C	4-way switch panel + USB	**66993**	68 x 165 mm
C	4-way switch panel + USB + ON/OFF/TEMP*	**68777**	68 x 165 mm
D	4-way switch panel + VOLT	**66994**	68 x 165 mm
E	6-way switch panel	**66995**	68 x 165 mm

*TEMP (temporary) : ideal to monitor bilge pumps.

A B

Circuit-breaker panel

With red LED to indicate the activation of a circuit breaker. 2-year warranty.

Fuse included :

- **68778 :** (1 x 5 A) + (2 x 10 A) + (1 x 15 A).
- **68779 :** (2 x 5 A) + (2 x 10 A) + (3 x 15 A) + (1 x 20 A).

	Circuit-breakers	Ref.	Dimensions W x H
A	4	**68778**	106 x 122 mm
B	8	**68779**	106 x 213 mm

Circuit-breakers

BLUE SEA SYSTEMS

185-series unipolar circuit-breaker

185-series compact unipolar thermal circuit-breakers.
Used to protect windlasses and electric motors.
Explosion-proof in compliance with standard SAE J1171.
Manual reset. 6.35 mm Ø terminals.
Dim. : 87 x 59 x D. 45 mm.
Usage voltage 42 V max. breaking capacity 3000A DC.

Intensity	Ref. Wall-mount flush	Ref. Protruding from wall
30 A	-	**472836**
40 A	**427783**	**220342**
50 A	**427784**	**427779**
80 A	-	**220343**
100 A	**427786**	**220344**
125 A	**427787**	-
150 A	-	**417651**

187-series unipolar circuit-breaker

187 MRCB-series unipolar thermal circuit-breakers.
Used to protect windlasses and highly powerful electrical engines. Explosion-proof in compliance with standard SAE J1171.
Manual reset.
Dim. : 86 x 57.4 x D. 45mm built-in.
Dim. : 87 x 59 x H 45.5 mm protruding.
Usage voltage 48V max. 8 mm Ø terminals.
Breaking capacity 5000A 12 V-3000A in 24V DC.

Intensity	Ref. Wall-mount flush	Ref. Protruding from wall
40 A	**470052**	**473969**
50 A	**470048**	**473970**
80 A	**470049**	**473971**
100 A	**470050**	**473972**
125 A	**470051**	**473973**
150 A	**473976**	**473977**

Options

- ***Cap : 414346***
- ***Watertight starter end-cap with transparent seal : 414363***
- ***Watertight starter end-cap with transparent seal : 414358***

Diruptor unipolar circuit-breaker

Diruptor thermal built-in unipolar circuit-breakers.
Ring fastening. Ø 12 mm.
Jumper and screw rear outlet.
56 x 18 mm.

Intensity	Ref.
6 A	**408210**
10 A	**408211**
16 A	**408212**
20 A	**408213**
25 A	**414282**
32 A	**414283**

Outdoor plugs & sockets

A

B

C

D

Range 230 V

	Description	16 A	32 A
A	Shore power inlet IP 56	**60010**	**60015**
B	Shore power inlet St/S IP 56	**60011**	**60016**
C	Cable 15 m with connector	**60013**	**60018**
D	Cover for connector 16/32 A IP 55	**60014**	**60014**

A

B

C

Range 50 A - 125 V

	Description	Ref.
A	Shore power inlet IP 56	**60019**
B	Connector IP 20	**60021**
C	Cover for connector 125/250 V IP 56	**60022**

2 phases - 3 cables

A

B

C

Range 50 A - 125/250V

	Description	Ref.
A	Shore power inlet St/S IP 56	**60024**
B	Connector IP 20	**60025**
C	Cover for connector IP 56	**60022**

3 phases - 4 cables

A

B

C

D

E

220 V blue series sockets

Monophase.

Description		Ref.	Amp	Watertightness	Model
Socket on wall-mount block	A	**422198**	16 A	IP 44	2-pin + earth
Built-in socket	B	**423343**	16 A	IP 44	2-pin
Plastic female extension connector	C	**422190**	16 A	IP 44	2-pin + earth
		422191	32 A	IP 44	2-pin + earth
Male plug on 70x87 mm plate	D	**422071**	32 A	IP 44	2-pin + earth
Male plug on 70x87 mm plate + protection cap	E	**421929**	16 A	IP 44	2-pin + earth
Straight male plug	F	**423559**	32 A	IP 44	2-pin + earth
Straight male plug with deck gland	G	**422192**	16 A	IP 44	2-pin + earth
Blue adaptor (French plug)	H	**409677**	16 A	IP 20	2-pin + earth

F

G

H

Red series connectors, max. 400 V

A

B

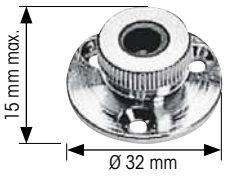
3-phase.

Description		Ref.	Amp	Watertightness	Model
Plastic male plug with deck gland	A	**409681**	32 A	IP 44	3-pin + N + earth
Plastic female socket with deck gland	B	**409682**			

Electrical thru-deck fittings

Chromed brass thru-deck fitting

Fastening with stainless steel screws.

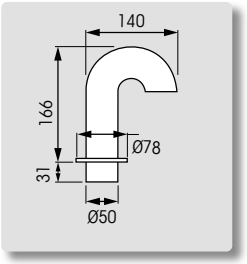


Ref.	Max. cable Ø	
18523	6 mm	5
17537	8 mm	5
18524	10 mm	5
17538	12 mm	5

316 L st. steel thru-deck fitting

407159

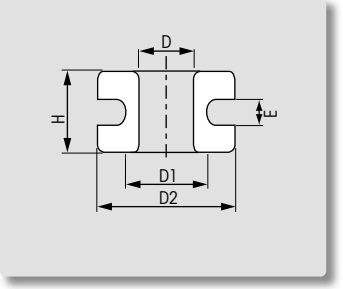
316 L polished st. steel.
Max. cable Ø : 48 mm



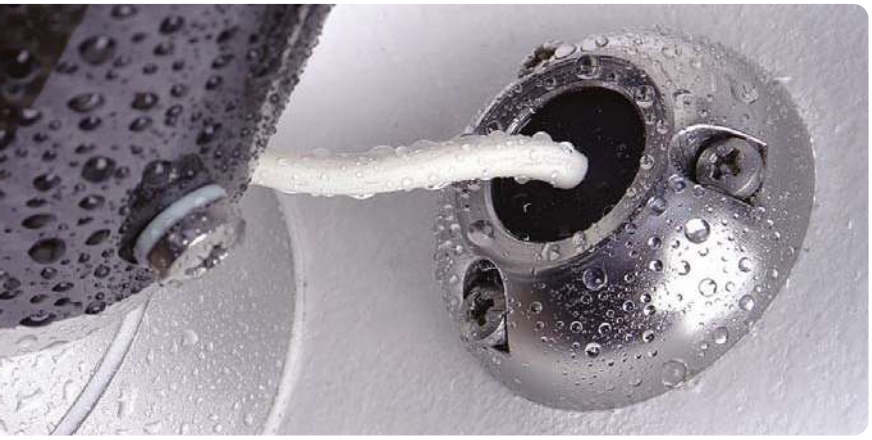
Rubber thru-deck fitting

Soft black rubber, absorbs vibrations.

Ref.	D	D1	D2	E	H
416308	3 mm	6 mm	11 mm	1 mm	4.5 mm
416309	5.5 mm	9 mm	15 mm	2 mm	7.5 mm
416310	7 mm	11 mm	18 mm	2 mm	9 mm
416342	12 mm	17 mm	25 mm	4 mm	12 mm
416343	13 mm	19 mm	27 mm	2 mm	9 mm
416344	15 mm	22 mm	27.5 mm	2 mm	10 mm
416345	17 mm	22 mm	27.5 mm	2 mm	10 mm

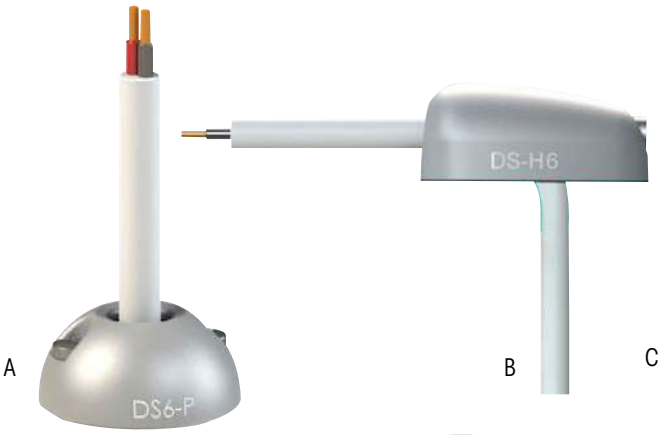


Waterproof cable routing



Deck seals

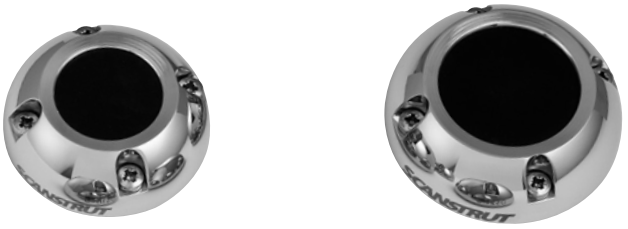
Perfect waterproofness installation for antennas and navlight cables (IPX7). Pre-drilled construction and blank inner seals make for easy assembly. Available in impact resistant glass filled nylon or stainless steel. DS-Multi model in aluminium (self-drill only) accepts multiple cables.



A B

C

D



Material		Model	Ref.	Ø connector (max.)	Ø cable (max.)
Glass filled nylon	A	**DS6-P**	**63933**	No terminal	2-6 mm
	B	**DS-H6**	**63934**	No terminal	2-6 mm
	C	**DS16-P**	**60040**	16 mm	2-8 mm
		DS21A-P	**60041**	21 mm	4-9 mm
		DS21B-P	**60042**	21 mm	9-14 mm
		DS30-P	**60043**	30 mm	9-14 mm
		DS40-P	**60044**	40 mm	12-15 mm
Stainless steel	D	**DS16-S**	**60045**	16 mm	2-8 mm
		DS21A-S	**60046**	21 mm	4-9 mm
		DS21B-S	**60047**	21 mm	9-14 mm
		DS30-S	**60048**	30 mm	9-14 mm
		DS40-S	**60049**	40 mm	12-15 mm
Aluminium	E	**DS-MULTI**	**60050**	18 mm	15 mm

E

Waterproof deck connectors

A

B

Description		Ref.	Max. voltage	Amp	Pins	Height	Base Ø
Waterproof chromed brass deck connector. Comes complete with captive protection cap, deck gland and waterproof gasket.	A	**17539**	12/24 V	3 A	3	57 mm	36 mm
IP67 deck gland and cap. Golden contacts.	B	**415657**	12/24 V	12 A	3	80 mm	43 mm

Cigarette lighter plugs

SUTARS

A

B

C

D

E

F

Sockets (female)

Plastic body with splashproof cap. System retains the plug securely to prevent unintentional disconnection. Black models are UV-resistant.

For round sockets, adaptors and extension sockets : dual-polar connections, 6.3 mm flat thimbles in corrosion resistant brass with polarity indicator.

	Description	Ref.	Colour	Power	Type of mounting	Fastening
A	**Round flange**	**38568**	Black	12 V - 16 A	Flushmount	Quickfit twist-on nut. Drilling Ø 30-32 mm.
B	**Round flange**	**38567**	Ivory	12 V - 16 A	Flushmount	Quickfit twist-on nut. Drilling Ø 30-32 mm.
C	**Round flange**	**56075**	Black	24 V - 16 A	Flushmount	Quickfit twist-on nut. Drilling Ø 30-32 mm.
D	**Round flange**	**27471**	Black	12 V - 16 A	Flushmount	Screws (not included). Drilling Ø 27 mm.
E	**Rectangular flange**	**13292**	Black	12 V - 16 A	Flushmount	Screws (not included). Drilling Ø 27 mm.
F	**73 x 55 x 40 mm case (w x l x h)**	**27470**	Black	12 V - 16 A	Surface mount	Screws (not inclulded).

Plug (male)

13291

12 V - 16 A. Black plastic body and metallic parts impervious to corrosion.
Wire connection via screws.

Female cigarette-lighter adaptor for batteries

56076

12 V - 8 A.
For quick current delivery to most electrical equipment on boats not equipped with fixed socket.
Length : 30 cm. Cable : 2 x 2.5 mm².

Cigarette-lighter extension socket

56077

12 V - 8 A.
Length : 3 m.
Wire : 2 x 2.5 mm².

Multi-socket cigarette lighter plug

13419

3-socket unit, 12 V with 55 cm cord.
Dimensions 100 x 60 x 40 mm.
Easy mounting with adhesives.

Electric cables

Sheath

Thermo-retractable sheath for perfect watertight connections.

1 m length.

Retraction	Black	Red
3.2 to 1.6 mm	**408980**	**411095**
6.4 to 3.2 mm	**414428**	**411098**
9.5 to 4.8 mm	**414439**	**411101**
12.7 to 6.4 mm	**414441**	**411102**
19 to 9.5 mm	**414458**	**411103**
25.4 to 12.7 mm	**414460**	**411105**

Flexible single-conductor

Flexible copper core. Polyvinyl chloride insulating sheath.
Good resistance to vibration, heat (up to 105°), oil and grease. Suitable for onboard electrical connections.
Recommended for battery and windlass wiring.

25 m roll.

Section	Black	Red
2 mm²	**404999**	**405088**
3 mm²	**403355**	**405099**
5 mm²	**411920**	**400371**
7 mm²	**411921**	**400374**
10 mm²	**411922**	**400376**

Section	Black	Red
16 mm²	**418685**	**418686**
25 mm²	**403432**	**400388**
30 mm²	-	**400390**
40 mm²	**403431**	**400393**

A

B

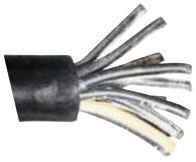
Connection plate

Description		Ref.
2 x Ø 8 terminals + 10 terminals	A	**417606**
Insulating cover for 417606	B	**417612**

Watertight junction boxes

Screw-closure junction box.

- **4 x 10 mm² outlets - 8 channels: 412561**
  Dimensions : 70 x 150 x 30 mm.
- **4 x 10 mm² outlets - 2 x 8 channels : 412562**
  Dimensions : 95 x 170 x 50 mm.



Multi-ducting cable

HO5 - VVF. Standard voltage : 300/500 V.
Flexible copper core. Grey polyvinyl chloride sheath. Suitable for small mobile appliances on low or medium-power engines.
MEPLAT-type : for speakers and small appliances. 300/500 V insulation.

Section	Ref.	Roll
2 x 4 mm²	**419517**	Grey 25 m
2 x 6 mm²	**419518**	Grey 25 m
3 x 0,75 mm²	**419519**	Grey 25 m
7 x 1 mm²	**419531**	Grey 25 m

6/6 nylon clamping collar

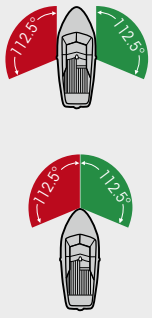
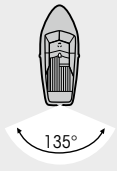
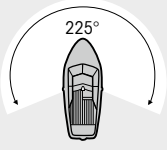
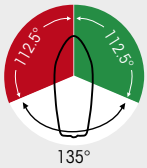
Ref.	Characteristics
402672	150 x 3.6 mm natural
402671	203 x 4.6 mm natural
412648	368 x 4.8 mm natural
414364	150 x 3.6 mm black
414365	203 x 4.6 mm black
414389	368 x 4.8 mm black
413216	203 x 7.6 mm black plastic

Navigation lights

IMO COLREG 72 standards (RIPAM)

International regulation to prevent collision at sea

IMO COLREG 72 regulation defines **the minimum reach of navigation lights** on board vessels with LOA (length overall) below 50 m. Additional national approvals may be required in some countries. Minimum reach is indicated in nautical miles (NM) in table below.

Lamp definitions & applications	Boat length →	< 12 m < 40'	12 m < 20 m 40' < 65'	20 m < 50 m 65' < 150'
360°, all round lamp Light showing an unbroken arc over the horizon of 360°. All round lamps may output while light, red light or green light.		2 NM	2 NM	2 NM
Side lights A green light on the starboard side and a red light on the port side, each showing an unbroken light over an arc of the horizon of 112.5° and fixed to show the light from right ahead to 22.5° (2 points) abaft the beam. On a vessel less than 20 m in length, sidelights may be combined into one bi-colour lamp carried on the **fore and aft centre line** of the vessel.		1 NM	2 NM	2 NM
Stern lamp White light placed as close practicable to the stern, showing an unbroken light over an arc of the horizon of 135° and so fixed to show the light from right aft for 67.5° (6 points) on both sides of the vessel. **Towing lamp** Yellow light placed in a vertical position above the stern lamp, showing an unbroken light over an arc of the horizon of 135° and so fixed to show the light from right aft for 67.5° (6 points) on both sides of the vessel.		2 NM	2 NM	2 NM
Masthead lamp White light placed over the fore and aft centre line of the vessel, showing an unbroken light over an arc of the horizon of 225° and fixed to show the light from right ahead to 22.5° (2 points) abaft the beam on both sides of the vessel.		2 NM	3 NM	5 NM
Tri-colour lamp On a sailing vessel less than 20 m in length under sail, the sidelights and stern light may be combined into one lamp positioned on top of the mast. When the sailing vessel is under power, the tri-colour lamp must be switched off and the navigation light rules for power driven vessels apply.		2 NM*	2 NM*	-

*Only for sailing vessels under sail.

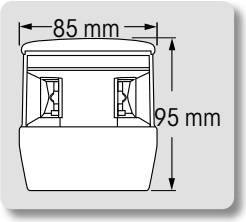
LED navigation lights

These navigation lights combine efficient LED technology to superior lens and optic materials.
- Ultra low power consumption.
- Long service life (7 years warranty for the NAVILED® TRIO, 5 years for other products).
- Highly visible and reliable lighting for long term safety at sea.

Multivolt™ technology for durability and safety.
- Possibility to connect the light to 12 or 24 V systems without modification, without impact on light performance.
- Automatic compensation for low battery voltages and voltage drop.
- Reverse polarity and spike protection for enhanced durability even under severe voltage fluctuations.

61848

61849



NaviLED® TRIO 3-colour navigation light

LED navigation light including a 3-colour light and an all-round white mooring navigation light.
Features advanced materials and state-of-the-art LED technology for reliability, efficiency and safety at sea.

Visibility	Description	Ref.
2 NM	NaviLED® TRIO Navigation light	**61848**
-	Machined 316 st. steel adaptor nut to install a Windex directly onto the light mounting shaft (Female to female - M12 for mounting shaft to 5/16UNC).	**61849**

- Housing in UV-resistant, high impact nylon.
- UV-resistant, ultra heavy duty Grilamid® lens.
- 316 stainless steel mounting shaft.
- Voltage : Multivolt™ 8-28 V DC.
- Voltage protection : Spike (to 500 V) and reverse polarity (to -700 V) protected.
- Power consumption of Port/Starboard/Stern combined : < 3.5W (< 0.29 A@12 V DC).
- Power consumption of All-round white mooring light : < 1.5 W (< 0.13A@12 V DC).
- Protection rating : IP 67.
- Pre-wired with 400 mm triple core marine cable.
- Weight : 400 g (including cable).

7 year Warranty

A

B

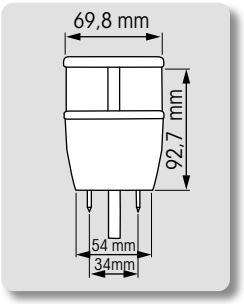
C

D

E

F

G



Navipro LED lights

For boat < 20 m.

SOLAS

Polycarbonate lens.
Vertical mount.
Voltage 10-30 V.
Consumption : 0.1 to 0.36 A.
Dimensions : Ø 69 x H 95 mm.

VHF AIS Compatible

1m IP67

Visibility		Model	Ref.
2 NM	A	Tricolor + mooring	**69098**
	B	Tricolor	**69099**
		Bicolor	**69101**
	C	Mooring	**69100**
	D	Port	**69102**
	E	Starboard	**69103**
	F	Stern	**69104**
3 NM	G	Masthead	**69105**

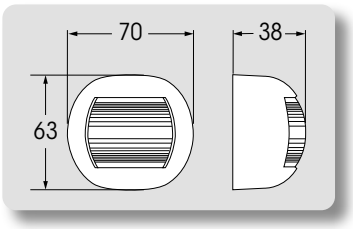
Orsa Pro LED lights

For boat < 20 m

Built-in LED circuit.
Polycarbonate lens.
Side mount.
Visibility 2 NM.
Voltage 9-32 V.
Consumption 0.1 A.

1m / 30 min
IPX7
IMO COLREG 72

Model		Black		White		316 st. steel
Port	A	**69063**	E	**69067**	I	**69071**
Starboard	B	**69064**	F	**69068**	J	**69072**
Masthead	C	**69065**	G	**69069**	K	**69073**
Stern	D	**69066**	H	**69070**	L	**69074**



MANTAGUA

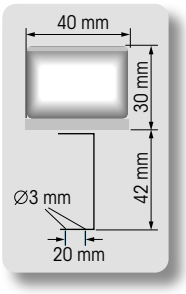
Tiny Tri-LED navigation light

69097

For boat < 12 m.
Tricolor + mooring.

- Visibility 1 NM (Red/Green)
  2 NM (White).
- Vibration-proof.
- Totally sealed in epoxy resin.
- 12 VDC regulated.
- Consumption 0.15 A.
- Dimensions : 69 x 95 mm (Ø x H)

IMO COLREG 72
VHF AIS Compatible
1m IP67



VHF AIS Compatible

Bulb LED for navigation lights

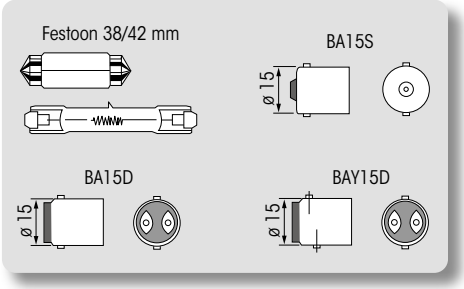
For boat < 12 m.

Protected with anti-corrosion varnish.
Long lasting : 50,000 hours.

- Voltage 9-30 V.
- Consumption : 0.07 A (visibility 2 NM), 0.13 A (visibility 3 NM).
- Adaptable festoon, L. 38-42 mm.
- Overall dimensions : 41 x 33 mm (H x Ø).

Suitable for all lights, including small size models.

Visibility		Model	Ref.
2 NM	A	Festoon 38/42 mm	**69106**
		BAY15S	**69110**
	B	BAY15D	**69109**
		BAY15D	**69107**
3 NM	C	BAY15D	**69108**



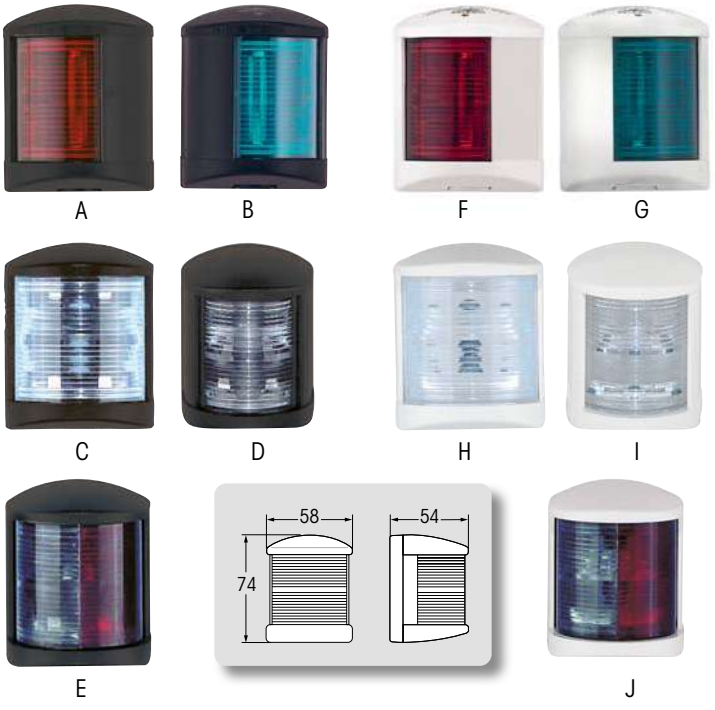
Croce del sud Easy LED lights

For boat < 12 m.

Polycarbonate lens.
Side mount.
Voltage 12 V.
2 x 44 mm festoons included :
• 1 incandescent, consumption 1 A. IMO/Colreg 72.
• 1 monofilament LED, consumption 0.1 A.

IPX6

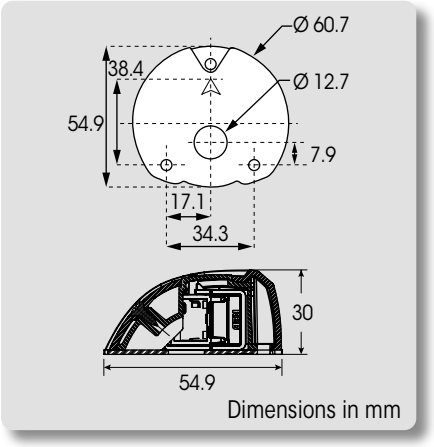
Model	Black	White
Port	A **69053**	F **69058**
Starboard	B **69054**	G **69059**
Masthead	C **69055**	H **69060**
Stern	D **69056**	I **69061**
Bicolor	E **69057**	J **69062**



attwood genuine ingenuity

IMO

USCG



LED navigation lights

Chromed cover with operation indicator on the top visible from the cockpit.

- Service life : 50.000 hours.
- Very low consumption : 2.4 W.
- Power : 12 V.
- Shock-resistant.
- Completely watertight.
- Dim. : 60.7 x 54.9 x 30 mm (L x W x Th).

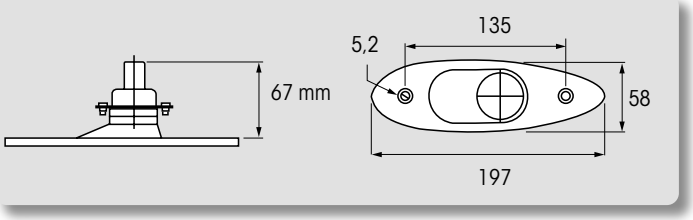
Visibility	Model	Ref.
2 NM	A Port	**67900**
	B Starboard	**67768**
	C Bi-colour	**477671**

LED Flushmount lights

69128

Starboard + Port (pair)

304 st. steel housing.
Watertight IP66 12 V.
Consumption 0,1 A.

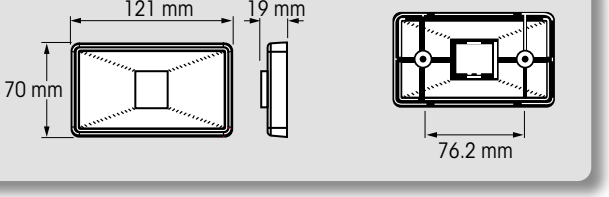


Stern flushmount LED light

69084

For boat < 20 m.

Visibility 2 NM. White 135°. 316 st. steel.
Voltage 12 V.
Consumption 0,1 A.



Classic bulb navigation lights

A

B

C

D

E

F

G

H

I

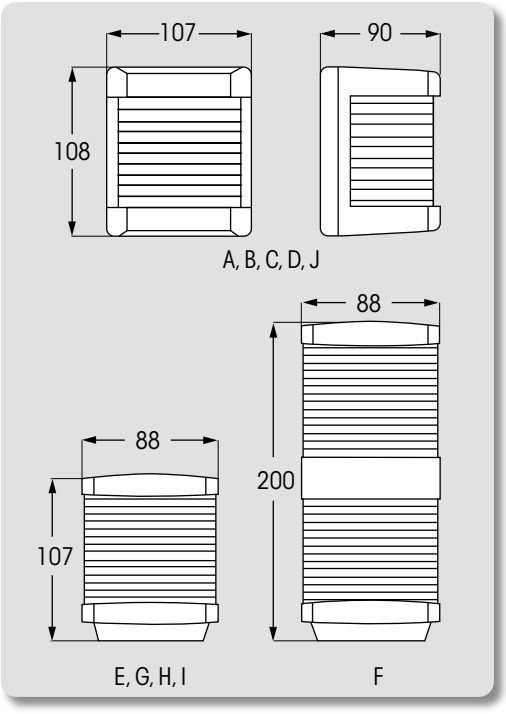
J

Classic navigation lights

Non-magnetic and seawater resistant navigation lights.
Feature a vertically hanging bulb for easy bulb replacement.
Contacts are located in the upper part of the housing to prevent corrosion.

- UV and impact resistant black plastic housing and lens.
- Protection rating : IP55.
- 12V/25W BAY15d included.

Visibility		Model	Ref.	*Spare bulbs*
2 NM	A	**Port**	**11823**	***22355***
	B	**Starboard**	**11821**	
	C	**Stern**	**11819**	
	D	**Bi-colour**	**11825**	
	E	**3-colour**	**11833**	
	F	**3-colour + 360° white**	**11835**	***22355 3-colour + 22356 for 360° light***
	G	**360° red**	**11829**	***22355***
	H	**360° green**	**11832**	
	I	**360° white**	**11828**	
3 NM	J	**Masthead**	**11817**	



Navigation lights

A B C D E

12 V navigation lights

Power : 10 W.
Dimensions : 65 x 75 x 55 mm (W x H x D).

Visibility		Model	Ref.	*Spare bulb*
1 NM	A	Port	**56091**	***22354***
	B	Starboard	**56090**	***22354***
2 NM	C	Stern	**56093**	***22354***
	D	Bi-colour	**56094**	***22354***
	E	Masthead	**56092**	***22354***

PATENTED

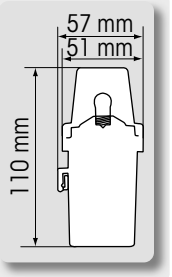
Very clever fastening system : a small and compact clip, that does not protrude when light is not mounted, avoids ropes or sheets snagging. Light can thus be installed anywhere.

Take-down navigation lights

Compact navigation light with integrated reflector.
Lighting lifetime : 60 to 80 hours.
Waterproof and operated by simply rotating the upper part.
Operated by 1.5 V battery (LR20 type).

PLASTIMO

Model	Ref.
Set of 3 lights (port, starboard & stern)	**28037**
White sternlight	**28038**
Red port light	**28039**
Green starboard light	**28040**
White masthead light	**28041**
Anchor light, 360°	**28042**
Spare bulb (1.5 V - 0.2 Amp)	***28190***



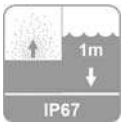
LED wireless navigation light

2263086

Wireless multifunction LED light with remote control. No wiring required : operates on a lithium battery charged by a solar panel.

- Multifunction : white flashlight, tricolour light, starboard and port lights, slow white flashlight, SOS, white mooring light, OFF.
- 3 control possibilities : switch, 20 m reach remote control, daylight automatic activation.
- Battery runtime : > 150 hours in flashlight mode, 12 hours in fixed light mode, > 20 hours in SOS mode.
- Visibility : > 1 NM navigation light, > 3 NM flashlight, > 2 NM mooring light.
- Operating temperature : -30° to +65°C.
- Dimensions : Ø 115 x 73 mm.
- Weight : 345 g including remote control unit.

Perfect safety add-on. Must not be used alone and is no substitute to a standard navigation light.



Pole-mounted navigation lights

Gemini pole LED lights

For boat < 20 m.

360° white light on 316 st. steel pole.
Built-in LED circuit.
Polycarbonate lens.
Voltage 9-32 V.
Consumption 0.1 A.

Model	Height	Ref.
Folding	230 mm	**69081**
	600 mm	**69082**
Pull-out	600 mm	**69083**

All navigation lights on recreational boats below 20 m must be visible from 2 NM, except for the masthead light on 12 to 20 m boats (3 NM visibility required).

Stern light, pole mounted

Visibility : 2 NM.
Stainless steel pole.

Length	Ref.
254 mm	**17508**
609 mm	**35731**
914 mm	**35732**

3-colour light, pole-mounted

3-colour light on fold-down pole.
Visibility : 2 NM.
ABS base.
Polycarbonate lens.
316 st. steel pole.
BA15S 12 V - 10 W bulb included.

Height	Ref.
241 mm	**410717**
635 mm	**423262**

Navi Light 360° 2 MN

NAVISAFE

Equipped with ultra-bright LEDs, the Navi Light lamps are IMO COLREG 72 and US Coast Guard approved to be used as navigation lights for 2 NM on all vessels of less than 12 m.

IMO COLREG 72 approved 2 NM

Compact and light, the Navi Light 360° 2 NM are easy to used.
Only press and hold for 2 seconds to activate the light. Practical, they operate with batteries and can be installed quickly and everywhere thanks to different fixing systems.

- Buoyant, light facing up (without holder).
- Weight : 139 g (excluding batteries & holder).
- Dimensions : height 35 mm (without holder); Ø 50 mm.
- Corrosion-resistant.

20m

	Navi Light 360° 2 MN	Navi Light 360° 2 MN TriColor
References	**61786 - 61796 - 64257 - 64980**	**61795 - 64258 - 64981**
LED colour	16 white LEDs	5 red LEDs, 5 green LEDs, 6 white LEDs
Modes & battery life	• Constant : 16 LEDs, 360° visibility (burn time : 15 hours) • Flash : 16 LEDs, 360° visibility (burn time : 85 hours) • Stern light : 6 LEDs, 135° visibility (burn time : 32 hours) • Forward light: 10 LEDs, 225° visibility (burn time : 24 hours) • Dim light : 4 LEDs, 360° visibility (burn time : 72 hours)	• Tricolor (burn time : 12 hours) • Stern light, white LEDs (burn time : 32 hours) • Bi-color red and green lights (burn time 20 hours) • Port light, red LEDs (burn time : 38 hours) • Starboard light, green LEDs (burn time : 38 hours)

Navi Light 360° 2 MN magnet system

Supplied with double magnet system. To put directly on a metallic surface or with the double magnetic system through a support which allows the magnetic force to work (like a bimini for example). Double magnet system supplied with mounting bolts and straps.

61786 : Navi Light 360° 2 NM

61796 : Navi Light 360° 2 NM Rescue

For easy and quick location, day and night, the Navi Light 360° also exists in a photo-luminescent version. The light glows in the dark up to 8 hours, after only 10 minutes charging in daylight.

61795 : Navi Light 360° TriColor 2 NM

Options

Magnetic disc 68760

Navi Light lamps come as standard with a magnetic base and one magnetic disc. Adding a second magnetic disc as extra option allows you to mount the lamp as a take-away accessory through a surface that allows the magnetic force to work (eg. on a bimini-top for example). Ideal when combined with Navi Light lamps 61786, 61796 and 61795.

- ***Suction-mount holder 57307***

*TMetallic head for Navi Light 360° 2MN with magnet holder.
Suction cup base (locking/releasing lever).
Self-adhesive fixing patch (supplied).
Flexible through 180°.
Vertical or horizontal mounting.*

- ***Clamp-on-rail holder 57308***

*Metallic head for Navi Light 360° 2MN with magnet holder.
Suitable for all tubes Ø 25 mm approx.
Flexible through 180°.
Horizontal or vertical mounting.*

Navi Light 360° S 2 MN suction-mount holder

Practical and easy to install, the holder is also adapted to fix GoPro®. Thanks to 3 M self-adhesive pads, the lamp can be easily & firmly fitted on any kind of surfaces : smooth, abrasive, flat and curved. The Navi Light S 2 NM is available in white or tricolor LEDs versions. Supplied with a suction-mount holder, 2 self-adhesive landing pads and a neoprene carrying bag. Height with suction-mount holder : 95 mm.

64257 :
Navi Light 360°
S 2 MN

64258 :
Navi Light 360°
TriColor S 2 MN

Option

Recess mount bracket 68761
Ideal on kayaks, surfboards or stand-up paddle, combined with Navi Light lamps 64257, 64258, 64980, 64981 and GoPro® camera.

Navi Light 360° N 2 MN Navimount holder

Supplied with Navimount holder. Compatible with many GoPro®/ action camera mounts and all the Navimount mounting systems. Available in 2 versions : White LEDs and Tricolor LEDs.

64980 :
Navi Light 360°
Navi 2 MN

64981 :
Navi Light 360°
TriColor Navi 2 MN

Navimount converter

Navimount converter
64986

Adapter for the Navi Lights with magnetic (ref. 61786, 61796 and 61795) and suction bases (ref. 64257 and 64258) to be mounted on the Navimount systems.
Size : H 71 x Ø 50 mm.

Navimount mounting systems

Vertical : **64982**

Horizontal : **64983**

RIB mount : **64984**

Rail mount : **64985**

Select the holder for your Navi Light

Model	Ref.	Application	Dimensions	Supplied with
Vertical	**64982**	To be mounted on the transform of an inflatable boat, canoe & kayak cockpit, steering console, etc…	H 45 x W 62 x D 55 mm	2 x st. steel screws
Horizontal	**64983**	To be mounted on the deck, cabin roof, etc…	H 26 x Ø 65 mm	2 x st. steel screws
RIB mount	**64984**	For boats made from Hypalon, Polyethylen or PVC	L 120 x W 81 x H 37 mm	3M VHB self adhesive sticker
Rail mount	**64985**	Compatible with Ø 1" ou 1" ¼ rail	H 67 x Ø 65 mm	2 x st. steel screws

Navi Light packs

Solution packs for small tenders,
dinghies, canoes, kayaks or fishing boats.

NAVISAFE

IMO COLREG 72
approved 2 NM

Navi Light pack
67194

Solution pack for small tender, dinghy, canoe, kayak or fishing craft.

- White Navi Light 360° 2 NM with « U » base.
- Tricolor Navi Light 360° 2 NM with Navimount base.
- « U » bracket to attach the 2 NM white Navi Light 360° or a GoPro®/action camera.
- Navimount RIB support with 3M® self-adhesive pad.
- Horizontal Navimount system.
- Vertical Navimount system.
- Connector pole.
- Adjustable pole.
  Max length : 1 m.
- Storage bag.

« U » base to fix
Navi Light.

Basic Pack
66899

For small tenders, dinghies, canoes, kayaks or fishing boats with transom or vertical cockpit*.

- Integrated Navi Light 360° 2MN mast.
  Waterproof to 10 m
- Connector pole/Vertical Navimount
- Vertical Navimount to fix the pole
- Adjustable pole Max length : 1 m
- Neoprene storage bag (dim. : 36 x Ø 80 mm)

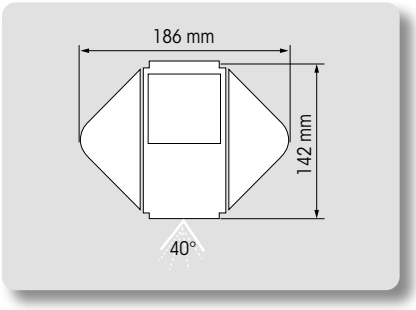
* If boat <7 m and the maximum speed does not exceed 7 knots.

Combined deck/Masthead light

Combined LED deck/ Masthead light 2 NM

69113

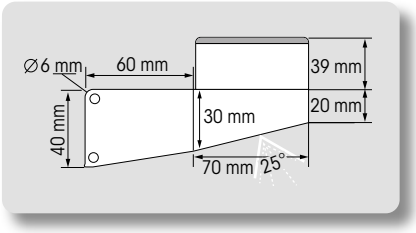
- ABS + PMMA
- For boat : < 12 m
- Visibility : 2 MN
- Deck floodlight : 300 Lm / 40°
- Consumption : 0.1 + 0.4 A



Combined LED deck/ Masthead light 3 NM

69114

- Grey anodised aluminium
- For boat : < 20 m
- Visibility : 3 MN
- Deck floodlight : 370 Lm / 25°
- Consumption : 0.3 + 0.4 A
- Waterproof : IP67



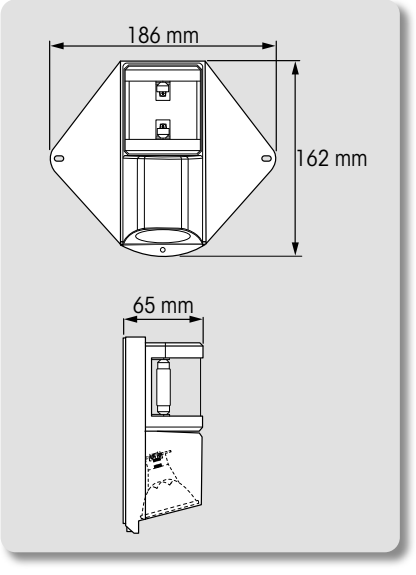
Combined deck/masthead light

- A LEDs : **69129**
- A incandescence : **428688**

Combined deck/masthead light for boats up to 12 m.
Features two flexible side pieces for easy adjustment to any shape of mast.
12 V bulbs included.

Spare bulb

- ***Festoon bulb 12 V - 10 W (for 428688) : 408738***



Spotlight

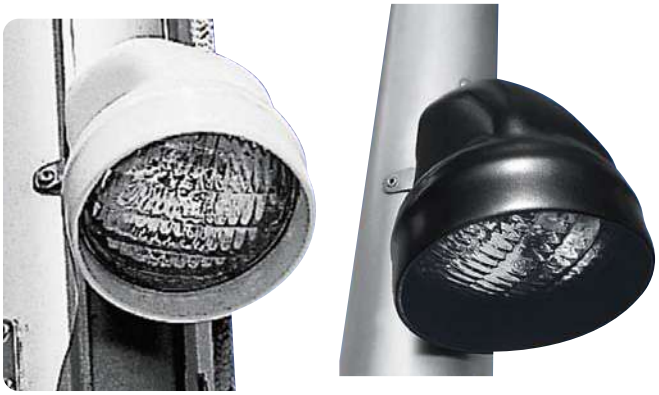
Spreader spotlight

17529

PVC housing.
Waterproof, removable optic part.
Mounting by means of st. steel angle plates.
- 9000 candela.
- 12 V - 35 W.
- 12 V power supply.
- Supplied without cable.
- Overall height : 115 mm.
- Lens diameter : 95 mm.

Spare optic

- ***Spare 12 V optic : 17659***



Deck spotlight

- **White : 17530**
- **Black : 17531**

Mast fitting deck light with strong PVC body.
- 12 V - 35 W.
- 9 000 candela.
- Supplied without cable.

Spare optic

- ***Spare 12 V optic : 17659***

St. steel removable searchlight

413904 : 12 V - 55 W

St. steel hand searchlight.
360° swivelling pole and handle for vertical adjustment.
Coiled cord.
H3 halogen bulb. 12 V - 55 W.
Height : 228 mm.

Spare bulbs

- ***12 V - 55 W H3 bulb : 408836***
- ***24 V - 70 W H3 bulb : 52582***

Cabin-controlled searchlight

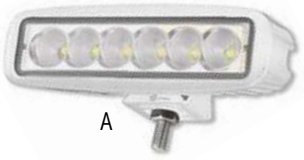
413903 : 12 V - 55 W

Halogen chromed searchlight.
Mounting in the boat deck : can be adjusted in all directions from the inside of the cabin.
Height above deck : 200 mm.
H3 halogen bulb.

Spare bulbs

- ***12 V - 55 W bulb : 408836***
- ***24 V - 70 W bulb : 52582***
- ***12 V - 100 W bulb : 400152***

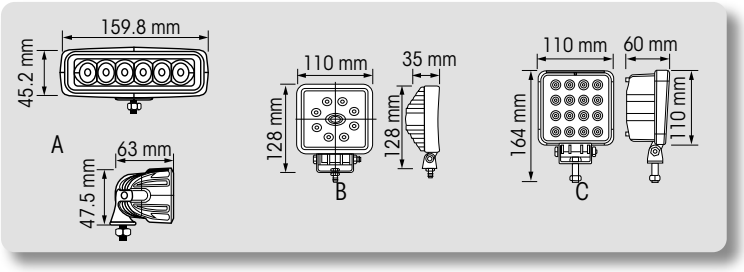
Deck spotlights

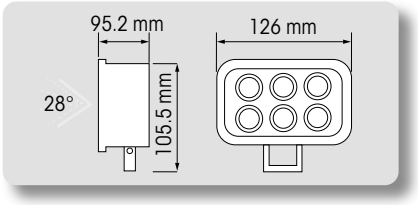


LED deck spotlights

- White lacquered aluminium body.
- Voltage 10-30 V.

	Ref.	LED	Power	Lumen	Light colour	Waterproof
A	**69087**	x 6	18 W	1200	6000 K	IP67
B	**69088**	x 9	27 W	1600	6000 K	IP67
C	**69089**	x 16	48 W	2880	6000 K	IP67
D	**69120**	x 6	36 W	3800	4000 K	**IP68**





GOLIGHT®

Remote controlled deck searchlight

Weatherproof deck searchlight with wireless remote control.
370° horizontal rotation and 135° tilt.
U.V., salt water and shock-resistant.
Perfect for boating and equally suitable for outdoor activities.
Supplied with a programmable remote control and all installation accessories required (screws, gasket, st. steel mounting plate).

Description	Ref.	Cons.	Light intensity	Beam angle	Illumination	Max. range	Dimensions Height x Depth x facia width	Warranty
Optimized light beam thanks to the Cr5 Pentabeam™ II technology (five-sided parabolic reflector).	**60189**	5,5 A - 12 V (65 W)	500000 candela	10°	320 lux at 25 m 20 lux at 100 m	900 m	170 x 200 x 180 mm	5 years
10 High flux LED's	**65546**	2,8 A - 12 V (40 W)	320000 candela	8°	512 lux at 25 m 32 lux at 100 m	1131 m	178 x 178 x 152 mm	3 years

Hand held searchlights

PLASTIMO

X-Spot buoyant spotlight

67367

Very powerful floating spotlight, features a 5000 mAh battery, rechargeable by micro-USB.
Also works as a powerbank to charge a smartphone or any other micro-USB rechargeable device.
Large handle for a good grip.
Swivelling bracket to hang spotlight according to the light orientation required.

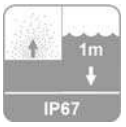
CR 123 lithium battery.

Powerbank function.

Rechargeable by micro-usb.

- 5 lighting modes : Powerful beam, Powerful and Broad, Maxi, Eco, Flash (keep button depressed for 2 seconds to switch to flash mode).
- 13 to 905 m beam range, 85 to 1585 Lumen (according to selected mode).
- Run time 2 to 26 hours.
- Battery charging time : 2h30 to 3 hours.
- Also works CR 123 lithium battery (not included).
- Dimensions : 171 x 153 x 103 mm.
- Weight : 717 g (including battery).

Supplied with battery, integrated bracket and carry strap.



Hella marine

Hand held searchlight

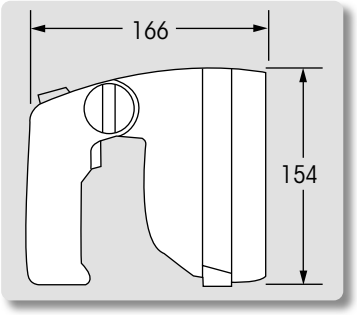
160855

A real must-have for night sailing and landing manoeuvres.
2 output modes, activated with a separate switch :
- Proximity lighting (55W bulb).
- Long-range lighting (100W bulb).

Both modes can be activated independently or simultaneously.
A trigger switch integrated into the grip allows morse code operation.

- 12 V.
- UV, shock and vibration resistant plastic.
- High reflective aluminium reflector.
- Protection rating : IP X6K.
- Two H3 bulbs included (12 V 55 W and 12 V 100 W).
- Coiled cord, 3.5 m long when extended.
- Cigarette lighter plug included.

CE



Spare bulbs

- ***H3 bulb 12V-55W 408836***
- ***H3 bulb 12V-100W 400152***

Handheld halogen searchlights

12 V cable power supply.

A

B

	Ref.	Power	Ø	Plug type	Features
A	**414606**	55 W	170 mm	Cigarette-lighter	3.5 m coiled cord. Height : 265 mm.
B	**175691**	55 W	165 mm	Deck plug & socket	Rubber coating. Coiled cord.

Spare bulb

- ***H3 bulb - 12 V - 55 W 408836***

Torches

Peli™ torches

Peli™ has developed top-performance and ultra-resistant torches, designed to withstand the specific harsh conditions of the marine environment.
Unbreakable : unconditionnally warranted*.

* Provided that the instructions of use have been followed.
This warranty does not cover accessories such as bulbs, batteries, or the battery contents.

A

1m / 30 min
IPX7

B

IPX4

	Ref.	Waterproofness	Light modes	Lumen (ANSI)	Beam distance**	Battery run time	Features	Length	Weight including batteries	Batteries
A	**66897**	IPX7 (immersion)	High	234 lm	240 m	8 h 45	**Photoluminescent.** Flash mode.	156 mm	176 g	3 AA/LR06 alkalines
			Low	28 lm	81 m	190 h				
B	**66898**	IPX7 (immersion)	-	117 lm	24 m	2 h15	**ATEX Zone 0 : Explosion-proof** (could be used in explosive environment like engine room). Crashworthiness : 2 m high.	148 mm	54 g	2 AA/LR06 alkalines

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** Distance where the light beam is 0.25 lux (0.25 lux is approx. equivalent to the light generated by a the full moon on a clear night with no obstruction).

100m

Navi Light Mini

NAVISAFE

Black : 60876
Yellow : 61803

Compact and sturdy torch.

- Waterproof to 100 m.
- Max. power : 1 W.
- Dimensions : 59 x 39 x 18 mm.
- Weight : 28 g (46 g including batteries).
- Powered by : 2 AAA batteries (not included).
- Supplied with wrist strap.

Mode 1 : red LED for night vision, 16-hour activation.
Mode 2 : white LED, 10 % light intensity, 12-hour activation.
Mode 3 : white LED, 25 % light intensity, 6-hour activation.
Mode 4 : white LED, 100 % light intensity, 2-hour activation.
Mode 5 : white LED, flashing, 8-hour activation.

60m

Navi Light Glow

57776

Glows in the dark up to 8 h,
after only 10 minutes' daylight charge.

- Watertight to 60 m.
- Dimensions : Ø 40 mm, length 110 mm.
- Weight : 70 g (without batteries).
- Power supply : 2 x AA batteries (not included)
- Magnetic switch.
- Supplied with a wrist strap.

Mode 1 : Continuous mode, 25 % light intensity, run time 12 h.
Mode 2 : Continuous mode, 100 % light intensity, run time 4 h.
Mode 3 : Flashlight, run time 16 h.

Work light

67369

IPX3

Spotlight or torch. Magnetic tilt support to stabilize and lean the light. Suspension hook. Magnet on the back.

- 200 lumens (ANSI).
- Beam distance : 30 m.
- Run time : 4 h.
- Independent On/off switch on spotlight or torch.
- Dimensions : 40 x 60 x 220 mm.
- Weight : 170 g without batteries.
- Batteries : 3 x AA (not included).

Aluminum LED torch

67368

IPX4

Compact multi-purpose, powerful torch with 5 modes : High/Medium/Eco/ Flash/SOS. Adjustable beam. Strap included.

- High mode : 500 lumens (ANSI) – Beam distance 300 m – Run time 3 h.
- Eco mode : 100 lumens (ANSI) - Beam distance 60 m – Run time 6 h.
- Flash mode : Flash / SOS.
- Dimensions : Ø 33 x 131 mm.
- Weight : 121 g without batteries.
- Batteries : 3 x AAA (not included).

LED waterproof and floating torch

65537

The must-have torch on board.

- Shockproof.
- 1 LED x 50 lumens.
- Run time : 25 hours.
- Beam distance : 20 m.
- Dimensions : 5.5 x 5.5 x 15.5 cm.
- Powered by 2 AA batteries (not inclu.).
- Weight (without batteries) : 81 g.

4-LED waterproof torch

51574

Ideal for diving and checking the hull, the mooring equipment or the propeller.

- Watertight to 30 m.
- Length : 14.5 cm.
- Powered by 4 x AA batteries, included.
- Weight (incl. batteries) : 155 g.

LED Safety torch

- Super bright white LEDs. Morse function.
- ABS housing and translucent blue rubber coating.
- Spray proof or low immersion and limited time.

	Ref.	Leds	Autonomy	Batteries (not included)	Leng. X Ø
A	**2260143**	3	12 h.	2 AA/LR06	150 x 40 mm
B	**2260142**	5	30h.	2 D/LR20	200 x 66 mm

Safety torch Krypton

2260141

- Torch with morse function.
- ABS housing and rubber coating.
- Spray proof or low immersion and limited time.
- 2.4 V krypton bulb.
- Power : 2 D/LR20 batteries not included.
- Autonomy : 4 hours.
- Weight : 175 g (without battery).
- Dimensions : 200 mm x Ø 66 mm.

Headlights

Extra safety : spot instantly your crew on deck by night, with photoluminescent housing on models 66248 & 66779.

Hand-free lighting where and when you need it !

Peli™ headlights are ideal for reading maps or light duties on the deck as well as for DIY works.
From the basic model to the watertight version, or the gesture activation control model, our range necessarily provides the headtorch you need.

62247

62248

62249

66779

Ref.	Water-proofness	Light modes	Lumen (ANSI)	Beam distance*	Run time	Features	Pivoting head	Weight incl. batteries	Batteries incl.
62247	IPX4 (weather-proof)	High	66 lm	22 m	7 h 15	Red LED output mode. Flash mode. Included helmet adapter. Waterproof case. Designed with weather resistant casings which also allows for fast and easy battery change.	45°	90 g	3 AAA/LR03 alkaline
		Low	36 lm	16 m	21 h				
62248	IPX4 (weather-proof)	High	259 lm	90 m	2 h 30	**Photoluminescent housing**. Red LED output mode. Flash mode. Designed with weather resistant casings which also allows for fast and easy battery change. Low battery level indication. Crashworthiness : 1 m high Included helmet adapter.	90°	100 g	3 AAA/LR03 alkaline
		Low	71 lm	48 m	11 h				
62249	IPX4 (weather-proof)	High	200 lm	82 m	3 h	**Gesture Activation Control technology.** Red light mode. SOS mode. Power variation (10 to 100 %). Adjustable beam (wide or focused).	90°	110 g	3 AAA/LR03 alkaline
		Low	12 lm	20 m	103 h				
66779 (2780R)	IPX4 (weather-proof)	High	558 lm	127 m	2 h	**Rechargeable headlight**. Flash mode. Variable light output (10 ; 50 ; 100 %). Back red LED. Low battery level indication. Supplied with 3 housing (black, white, photoluminescent).	 2 different light beams	250 g	Lithium-ion
		Medium	213 lm	78 m	3 h				
		Low	95 lm	53 m	7 h 30				

* Distance where the light beam is 0.25 lux (0.25 lux is approx. equivalent to the light generated by a the full moon on a clear night with no obstruction).

The adjustable strap fits comfortably and securely on your head.
Models **62247** & **62248** feature a rubber strap that grips tightly to hard hats or helmets.

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Gesture activation control on model **62249**.

Pivoting head on models **62248**.

Red light for night vision on models **62247, 62248** and **62249**.

Headlights

Smart and powerful, every Plastimo headlight and torch is designed to meet your needs when touring outdoor, manoeuvring on deck or reading charts at night.

F4 headlight

67420

Plastimo headlight with 4 modes.
Keep press 2 seconds to reach red light mode. Pivoting head and adjustable head band.

F9 headlight

67366

Plastimo headlight with 9 modes. 3 kind of light beams : thin, wide, and red with 3 modes each. Pivoting head and adjustable head band.
Integrated SOS whistle on the head band.

Ultra lightweight headlight

68793

Plastimo ultralight rechargeable LED headlight. Designed for boating and outdoor activities.
Drop resistant. Adjustable lanyard for maximum comfort.

Ref.	Model	Waterproofness	Features	Lumen (ANSI)	Beam distance	Run time	Dimensions	Pivoting head	Weight	Batteries
67420	F4	IPX4	White LED : High / Eco / Flash. Red LED : Continuous.	170 80	100 m 50 m	2 h - 5 h	60 x 40 x 45 mm	45°	57 g without batteries	3 x AAA (included)
67366	F9	IPX5	White LED thin light beam : High / Medium / Eco. White LED wide light beam : High / Medium / Eco. Red LED : Continuous / Flash / SOS.	210 - 20	65 m - 5 m	3,5 h - 48 h	70 x 35 x 45 mm	45°	60 g without batteries	3 x AAA (required)
68793	Lightweight	IP64	White LED : High / Medium / Eco. Red LED : Continuous / Flash.	200 100 10 2 0	42 m 31 m 10 m 3 m 0	2 h 4 h 50 h 25 h 120 h	57 x 30 x 34 mm	360°	41 g battery included	Lithium battery integrated, micro USB rechargeable

LED ceiling lights

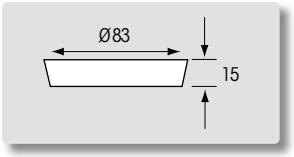
Surface mount

Flushmount

CRI : Colour Rendering Index

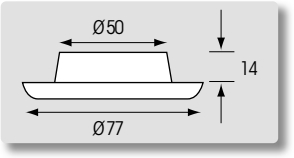
Nova ceiling light

12-LED lamp with mounting bracket.
Flush or surface mount.
8-30V. 2 W. 150 Lumen. CRI > 80.
3000 K colour. **IP54**.
Beam angle : 120°.



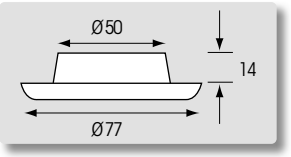
Model	Without switch	With switch
White	**64617**	**60207**
Chrome	**64618**	**60208**

Flushmount bracket, included in 64617, 64618, 60207 and 60208.



Nova white & red

12-LED lamp with rocker switch.
Flush mount.
8-30 V. 2 W. 150 Lumen. CRI > 80.
3000 K colour.
IP54. Beam angle : 120°.

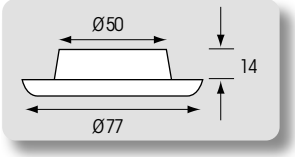


Model	Ref.
White	**64619**
Chrome	**64620**

Protect your 12 V LED lights against power surges and spikes with the addition of a dimmer (64660) or a LED voltage stabilizer (64659), see page 545.

Nova White/ Warm white downlight

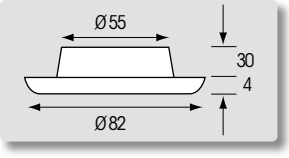
12 LED lamp, flushmount.
8-30 V. 2 W. **IP54.**
2 beams :
- 40 Lumen. CRI 90. Couleur 2400 K.
- 150 Lumen. CRI 80. Couleur 3100 K.



Model	Ref.
White	**69122**
Chrome	**69123**

Pinto ceiling light

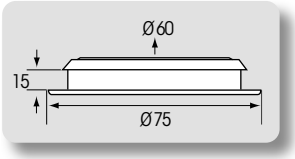
12 LED lamp, flushmount.
Large flat flange.
8-30 V. 2 W. 150 Lumen. CRI > 80.
3000 K colour. **IP21**.
Beam angle : 120°.



Model	Ref.
White	**64623**
Chrome	**64624**

Vega 75 ceiling light

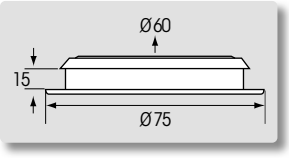
12 LED light, flushmount (no screws).
8-30 V. 2 W. 150 Lumen. CRI > 80.
3000 K colour. **IP21**.
Beam angle : 120°.



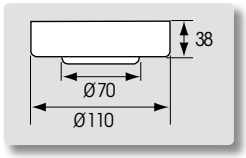
Model	Ref.
White	**64625**
Chrome	**64626**

Vega 75 Touch ceiling light

12 LED light, flushmount.
Touch-dimmer function.
12 V. 1 W. 64 Lumen. CRI > 80.
3000 K colour. **IP66**.
Beam angle : 50°.



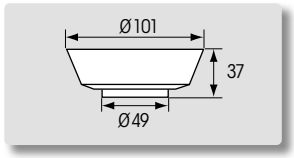
Model	Ref.
White	**64627**
Chrome	**64628**



Sun ceiling light

64632

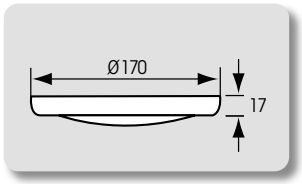
12-LED lamp with rocker switch.
Surface mount.
8-30 V. 2 W. 150 Lumen. CRI > 80.
3000 K colour. **IP21**.
Beam angle : 120°.



Comet adjustable ceiling light

12-LED lamp with rocker switch. Surface mount.
8-30 V. 2 W. 150 Lumen.
CRI > 80. 3000 K colour.
IP21. Beam angle : 120°.

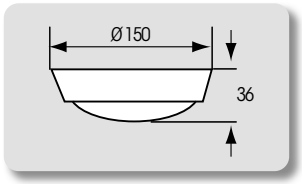
Model	Ref.
White	**64633**
Chrome	**64634**



Saturn ceiling light

12-LED lamp with rocker switch.
Surface mount.
12 V. 3.5 W. 210 Lumen. CRI : 94.
3000 K colour. **IP21**.
Beam angle : 120°.

Model	Ref.
White	**64629**
Chrome	**64630**



Saturn Touch ceiling light

64631 : matt chrome

12-LED lamp. Surface mount.
Touch-dimmer function.
12 V. 3.5 W. 225 Lumen. CRI : 94.
3000 K colour. **IP21**.
Beam angle : 120°.

Aurora LED downlight

- 316 stainless steel flange
- Aluminium body
- 10-32 V
- 3000 K light colour, warm white

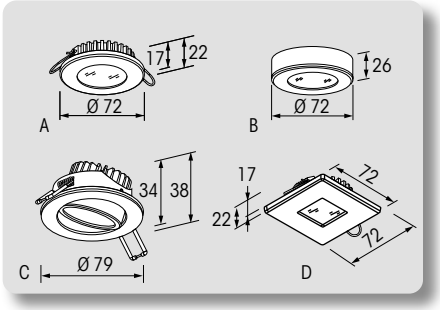
A

B

C

D

	Model	Ref.	Cut-out Ø	Power	Lumen	Angle	Waterproof
A	**Round, recessed**	**69092**	55 mm	3.6 W	250	95°	IP65
B	**Round, flushmount**	**69093**	-	3.6 W	260	95°	IP65
C	**Round and adjustable, recessed**	**69094**	64 mm	4 W	344	97°	IP20
D	**Square, recessed**	**69095**	55 mm	3.6 W	237	87°	IP65

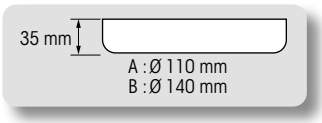


A

B

Molène LED downlight

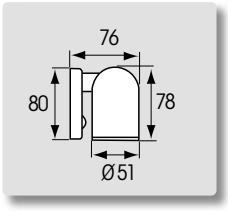
- Flushmount
- Stainless steel flange
- Rocker switch
- 9-30 V
- Beam angle : 120°.
- 1.5 W power (20 W equivalent)
- 130 Lumen
- 3100 K warm white colour
- 50.000 hour long lasting LED's
- Mounting with 3 screws (included)



	Overall Ø	Ref.	Angle
A	**110 mm**	**69111**	90°
B	**140 mm**	**69112**	120°

LED spotlights

The Colour Rendering Index (CRI) is a scale from 0 to 100 percent indicating how accurate a "given" light source is at rendering colour when compared to a "reference" light source.
Light sources with a CRI of 85 to 90 are considered good at colour rendering.
Light sources with a CRI of 90 or higher are excellent at colour rendering.



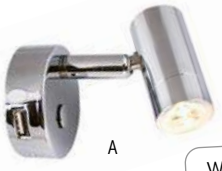
Tube spotlight

Adjustable spotlight with rocker switch.
8-30 V. 1.2 W. 150 Lumen. CRI > 80.
IP21. Beam angle : 120°.

- **64635** : **White**
- **64636** : **Chrome**

Leia LED spotlight + USB

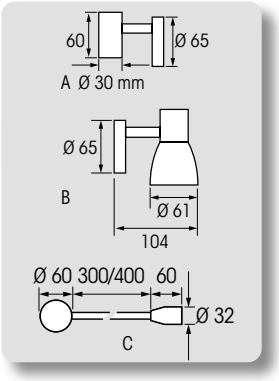
Båtsystem

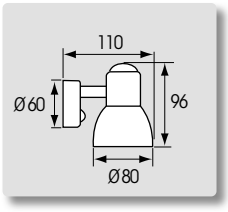


With USB

- IP21 protection rating
- 12 V
- 3 W power
- Dimmer from 0 to 270 Lumen
- 3200 K warm white colour
- USB 5V / 2A charging

	Model	Ref.	Beam angle
A	**LR1 Adjustable**	**69126**	Narrow
B	**LR2 Adjustable**	**69127**	Medium
C	**LX1 Flexible arm**	**69125**	Narrow





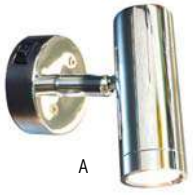
Classic spotlight

64639

Adjustable spotlight with rocker switch. Brass colour.
8-30 V. 1.7 W. 140 Lumen. CRI > 80.
IP21. Beam angle : 120°.

Protect your 12 V LED lights against power surges and spikes with the addition of a dimmer (64660) or a LED voltage stabilizer (64659), see page 545.

Tibidy LED spotlight



MANTAGUA

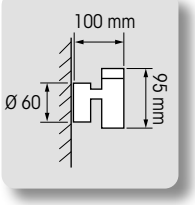
With USB

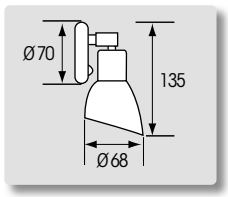
- Zamak construction
- 9-30 V
- 1.3 W power
- 90 Lumen (10 W equivalent)
- 3100 K warm white colour
- Beam angle : 40°
- Mounting with 2 screws (included)

	Switch	Ref.	USB*
A	**Rocker switch**	**70975**	No
B	**Push button**	**70976**	Yes

*2 A max.

VHF AIS Compatible





Opal spotlight

Adjustable spotlight with rocker switch.
Metal base and glass shade.
8-30 V. 1.2 W. 80 Lumen. CRI > 80. **IP21**.

- **64641** : **Brass + white glass**
- **64642** : **Chrome + white glass**

LED chart lights

LED chart light

69096

- Vertical mount
- Flexible arm, 51.5 cm
- 12 V
- 1 white LED
- 1 W power

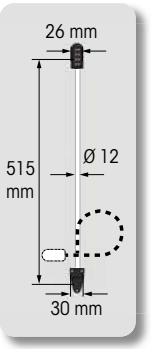


Chart table

Dimensions in mm.

The red light helps reading charts and instruments without affecting the natural eye-adjustment to night environment. Efficient light at chart table, dim light in the cabin to allow crew to doze or sleep comfortably.

Integrated dimmer on **white/red light 61927** (rotary switch)

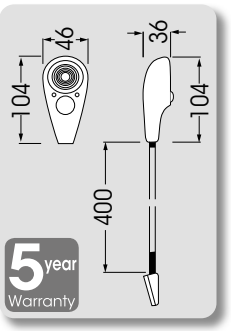
LED chart lights

Hella marine

61927 : Dual white/red LED

Hella Marine LED chart lights feature efficient lighting, significantly reduced power consumption and ultra long life. They are ideal for a variety of interior applications including chart table, navigation area lighting and adjustable reading lights.

- Current draw : < 2 W (< 0.16 A @ 12 V).
- Cool surface safe to the touch.
- ON/OFF switch built into the head for easy operation.
- Multivolt™ electronics provide consistent illumination and circuit protection across a range of inputs from 9-31V DC.
- Highly shock and vibration resistant.
- Pre-wired with 12 cm cable.
- Protection rating : **IP53**.



Protect your 12 V LED lights against power surges and spikes with the addition of a dimmer (64660) or a LED voltage stabilizer (64659), see page 479.

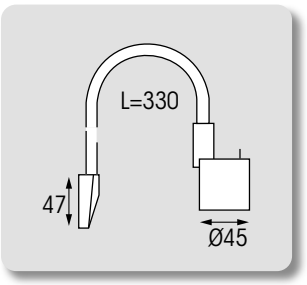
Kurs LED cabin lights

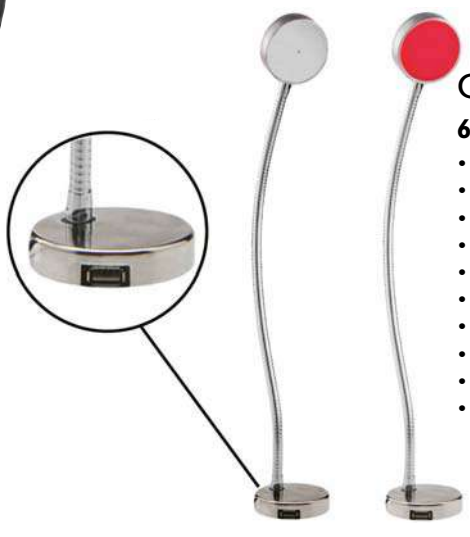
Båtsystem

64615 : Black – White/ Red LED

Chart lights spreading white or red beam.
Flexible arm, adjustable in all positions.
Integrated switch.
Available in black or silver colour.

- Power : **12 V** – 1.3 W.
- Protection rating : **IP21**.
- Lumen : 70.
- Color Rendering Index (CRI) : >80.
- Beam angle : 50 °.
- Swivel arm length : 330 mm.



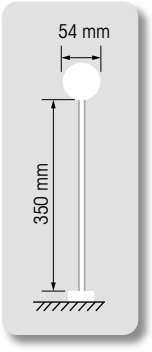


Glénan LED chart light

69119

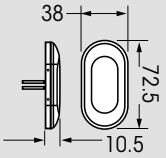
MANTAGUA

- Horizontal mount
- Aluminium flexible arm, 42 cm
- 9-30 V
- 2.8 W power
- 3100 K warm white and red light colour
- 135/80 Lumen
- Wide 120° beam
- Integrated dimmer
- USB 5V / 2A charging
- Mounting with 2 screws (included)



LED courtesy light

- Recessed mounting, IP67 protection rating
- 316 st. steel flange
- 12 V
- 6 LED's
- 1.2 W power
- 120° angle



Light colour	Ref.	Lumen
White (5500 K)	**69090**	83
Blue	**69091**	22

Courtesy light

With steplights and deck spots, create a welcoming atmosphere on deck and facilitate confident circulation of your crew by night.

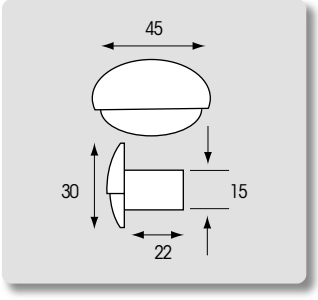
Båtsystem

Protect your 12 V LED lights against power surges and spikes with the addition of a dimmer (64660) or a LED voltage stabilizer (64659), see page 479.

Steplight

IP66 ingress protection rating : suitable for use indoor and outdoor.
LED lamp, **12 Volt**, 0.25 Watt. 60° beam angle.

	White light	Blue light
White	**64653**	**64655**
Chromed	**64654**	**64656**

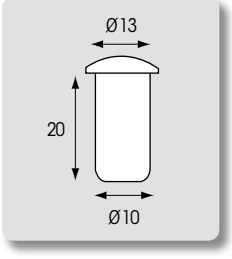


Add a personal touch to your boat, using dots on deck.

Dot Opal spotlight

64657

IP66 ingress protection rating :
suitable for use indoor and outdoor.
LED lamp, white light.
12 Volt, 0.15 Watt.
60° beam angle.



Functional lighting

Use special bright functional LED lighting in areas that need to be lit up to a maximum, such as the engine room, cupboards, anchor lift compartments or deck lights.

Protect your 12 V LED lights against power surges and spikes with the addition of a dimmer (64660) or a LED voltage stabilizer (64659), see page 545.

LED Soft tube lamp

61148

Plastic body with switch, frosted glass.
Dimensions : 248 x 64 x 35 mm (L x W x H).
12 V. 0,9 W. 57 Lumen. CRI 94. **IP21**. Beam angle 120°.

U-Pro batten light

- **U-Pro 230 : 64644**
- **U-Pro 480 : 64645**

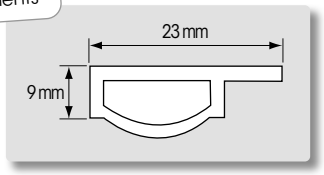
A flexible system built around an aluminium tube with integrated powerful LED lights.
Ideal in the galley or the bathroom.Tube features a switch and can be rotated through 360°.
Comes with several fixtures to accommodate most configurations.
IP21 protection rating.

Model	Ref.	Length	Ø	Volt	Watt	Lumen	CRI	Beam
U-Pro 230	**64644**	230 mm	20 mm	**12**	2.3	150	94	120°
U-Pro 480	**64645**	470 mm	20 mm	**12**	4.7	300	94	120°

LED Profile D batten light

64647

IP 66 rated, ideal in technical closets or compartments

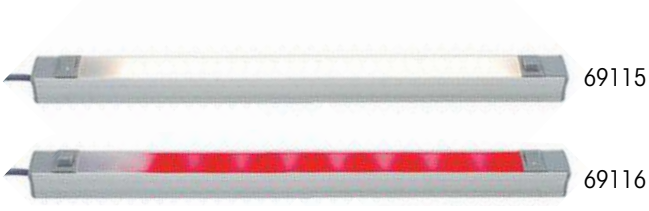


Waterproof LED batten, comes in 500 mm length.
Can be screwed without affecting the waterproofness, or easily glued with self-adhesive tape (not included).
12 V, 4.8 W, 325 lumen, CRI 94, 120° beam.
IP66 protection rating.

Enez LED batten light

- Flushmount
- Aluminium and PMMA construction
- Rocker switch
- 9-30 V
- 4.8 W power (30 W equivalent)
- Wide 120° beam
- Dimensions : 254 x 22 x 23 mm (L x W x H)
- 2 mounting brackets + 2 screws (included)

Colour	Ref.	Lumen
White (3100 K)	**69115**	180
White (3100 K) + red	**69116**	140 / 28



LED tapes

To create a feeling of space and volume, illuminate the edges of your cabin with LED tape, profiles or mini-sleeve : efficient diodes in adjustable lengths which combine low energy and cosy illumination.

LED strip light

69121

- 100 cm resin strip
- 4 W power
- 3100 K warm white colour
- 190 Lumen
- 120° beam angle
- 5 Ah USB powerbank included
- 3-hour runtime

Plastic profile for 300 & 600 LED tapes

64650

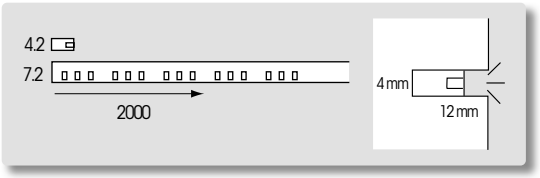
1 metre length.
Ideal when used in conjunction with LED tape : smart mounting that provides a more even light and protects the tape.
Easy to clean.

Mini Sleeve tape

64651

Ambiance lighting with white LED's.
Length 2 metres (tape can be cut).
12 V. 4.8 W/m. 160 Lumen/m.
IP65 protection rating (provided both ends are sealed).

Protect your 12 V LED lights to voltage spikes using a dimmer (64660) or with a LED voltage stabilizer (64659), see page 545.



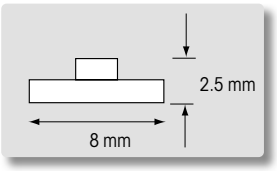
Båtsystem

LED tapes

White LED's on adhesive tape.

Model	LED Tape 300	LED Tape 600
Ref.	**64648**	**64649**
Length	5 metres. Can be cut* every 50 mm	5 metres. Can be cut* every 25 mm
Performance	**12 V**, 5 W/m, 350 lumen/m,CRI 94, 120° beam angle. **IP21** ingress protection rate.	**12 V**, 8,5 W/m, 538 lumen/m, CRI 94, 120° beam angle. **IP21** ingress protection rate.

*cutting points identified on tape.



Underwater lighting

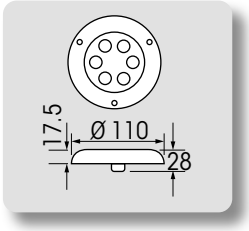
Aqualight underwater LED spotlight

Båtsystem

69124

- Flushmount below waterline
- 12-24 V
- 6 LED's
- 16 W power
- Blue colour
- 0 to 40°C operating temperature

Great under-water performance **IP68**. Ideal in pool or around the jetty.

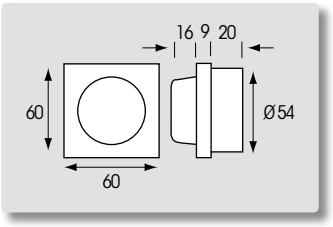


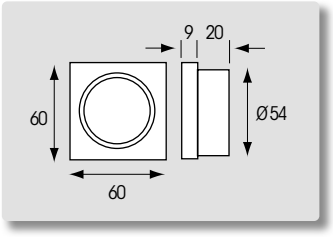
Dimmers/switches/Sockets

Dimensions in mm.

Twilight dimmer
64660

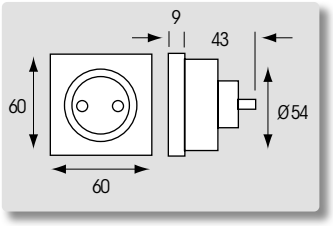
Dimmer for LED. White colour. Rotating switch.
Input : 8-30 V, output : 12 V. Max. current : 24 W - 2 Amp.
IP21 protection rating.



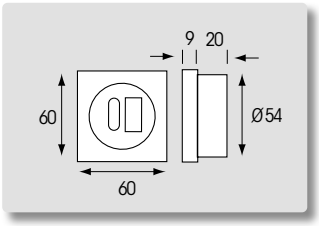


Single switch
- Chrome : **64663**

Double switch
- White : **64664**
- Chrome : **64665**



230 V socket
- White : **64666**



USB socket
- White : **64667**

Input 12-30 V, output 5 V. 2 Amp.

Voltage stabilizer

LED Voltage stabilizer
64659

LED lights are sensitive to voltage spikes and should not be exposed to voltage over 12.5 V.
The stabilizer protects the system and equipment from these occurrences and also enables you to have a 12 V system within your 24 V system.
- Recommended for use with 6 lamps.
- Input : 12-30 Volt
- Output : 6-12.5 Watt
- Max. current : 6 Amp
- **IP21** protection rating.

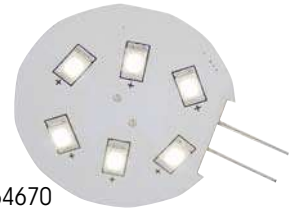
LED light bulbs

Ideal to convert halogen lighting into LED lighting.
Compatible with a dimmer. Colour temperature : 3000 Kelvin.

Halogen bulbs :
visit www.plastimo.com

64668

64669


64670

64671

64672

64673

64674

64994

64675

64676

64677

LED light bulbs

	Model	Ref.	Volt	Watt	Lumen	CRI	Dim.	Use/ Halogen equivalent
	G4 back 6-diode	**64668**	8-30 V	1.3 W	110	> 80	Ø 30 mm	Ambient lighting. Equivalent to 8 W halogen. Replaces all 8 W halogen bulbs, among which Båtsystem models Classic/Bayspot.
	G4 back 10-diode	**64669**	8-30 V	1.7 W	140	> 80	Ø 30 mm	Functional lighting. Ideal with dimmer. Equivalent to 16-17 W halogen. Replaces all 16-17 W halogen bulbs, among which Båtsystem models Classic/Bayspot.
	G4 lateral 6-diode	**64670**	8-30 V	1.3 W	110	> 80	Ø 30 mm	Ambient lighting. Equivalent to 8 W halogen. Replaces all 8 W halogen bulbs, among which Båtsystem models Nova/Pinto/Corona.
	G4 lateral 10-diode	**64671**	8-30 V	1.7 W	140	> 80	Ø 30 mm	Functional lighting. Ideal with dimmer. Equivalent to 16-17 W halogen. Replaces all 16-17 W halogen bulbs, among which Båtsystem models Nova/Pinto/Corona.
	G4 360° 15-diode	**64672**	8-30 V	1.2 W	80	> 80	-	Omnidirectional lighting. Equivalent to 7 W halogen. Replaces all 7 W halogen bulbs, among which Båtsystem models Opal/Martini/Frost.
	BAY15D 15-diode	**64673**	8-30 V	2.4 W	180	> 80	-	Equivalent to 15 W halogen.
	BA15S 16-diode	**64674**	8-30 V	0.7 W	60	> 80	-	Equivalent to 8 W halogen.
	94BA15D 16-diode	**64994**	8-30 V	0.7 W	60	> 80	-	Equivalent to 8 W halogen.
	Festoon 3-diode	**64675**	8-30 V	0.7 W	50	> 80	37 mm	Equivalent to 5 W halogen.
	Festoon 6-diode	**64676**	8-30 V	1.5 W	100	> 80	42 mm	Equivalent to 10 W halogen.
	Festoon 6-diode	**64677**	8-30 V	0.5 W	40	> 80	42 mm	Equivalent to 5 W halogen.

PLASTIMO
happy boating to you!

Powerboat & Engine Accessories

Jean-Marie Liot ©

Water sports

Plastimo has selected a complete range of water sports equipment from Spinera for you to enjoy, combining performance and pleasure.
The pleasure of being at sea in complete safety with a wide choice of practices: kneeboard, wakeboard, water ski, towed buoy and Stand Up Paddle, Spinera meets the needs of the whole family.

Common features

- Fully padded comfort handle grips with EVA knuckle guards.
- Valve for quick inflation and deflation.
- Rope connector and quick release systeme. (Except for Classic and Delta buoys).

Towed buoys

Wing 2 buoy
70141

Optimized wing for maximum fun.
Heavy-duty 0.7 mm PVC bladder wrapped in 840-denier nylon cover.
- 4 comfort handles.
- Inflated dimensions : 1.70 m x 1.63 m (L x W)

Orientable towed buoy

Swivel in 2 positions : sofa or tank.
Sitting or kneeling position.
- Heavy-duty PVC bladder wrappedin 420-denier (2 seats) and 840-denier (3 seats) nylon cover.

Model	Ref.	Nb of handles	PVC thickness	Inflated dimensions
Let's Go 2	**70137**	8	0.65 mm	157 x 168 x 74 cm
Let's Go 3	**70138**	12	0.70 mm	178 x 211 x 74 cm

Heavy duty flat buoy

Heavy-duty PVC bladder wrapped in 420-denier (2 seats) and 840-denier (3 seats) nylon cover.

Model	Ref.	Nb of handles	PVC thickness	Inflated dimensions
Flight 2	**70139**	6	0.65 mm	Ø 178 cm
Flight 3	**70140**	8	0.70 mm	Ø 203 cm

Classic 54

Pack Classic 54

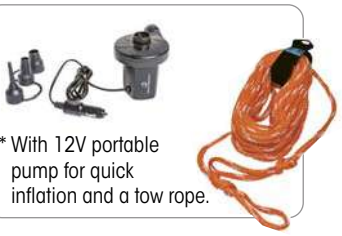
Delta 2

Pack Delta 54

Towed buoys

Heavy-duty 0.6 mm PVC bladder wrapped in 420-denier nylon cover.

Model	Ref. buoy only	Ref. complete pack*	Nb of handles	Nb of people	Deflated dimensions
Classic 54	**70133**	**70134**	2	1	Ø 137 x 43 cm
Delta 54	**-**	**70135**	2	1	137 x 150 x 43 cm
Delta 2	**70136**	**-**	4	2	145 x 190 x 43 cm

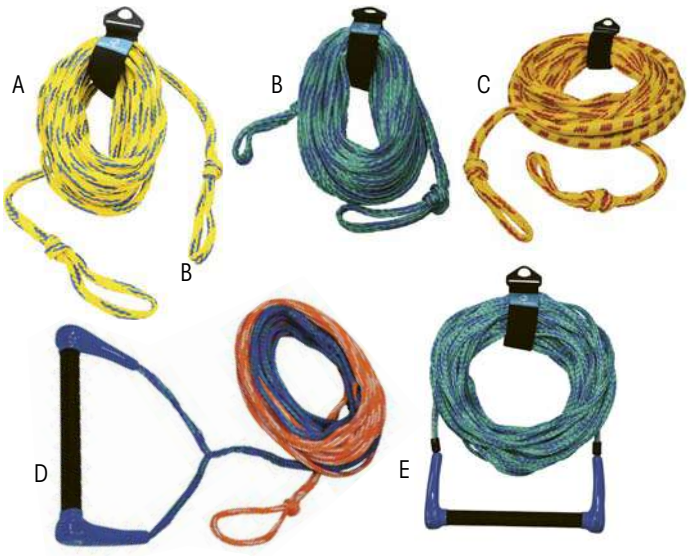


* With 12V portable pump for quick inflation and a tow rope.

Accessories

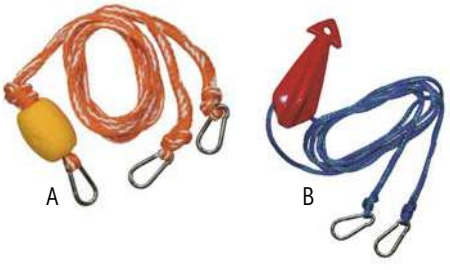
Tow rope

	Ref.	Features	Length	Traction resistance
A	**70142**	Compatible with 1 and 2 riders towable buoy	18 m	1080 kg
B	**70143**	Compatible with 1 to 4 riders towable buoy	18 m	1860 kg
C	**70144**	With damper. Compatible with 1 to 4 riders towable buoy	13 m + 2 m elastic	1860 kg
D	**70145**	Compatible with skis / wake 2 sections with floating spreader	18 m + 4.50 m	680 kg
E	**70146**	Compatible with skis « big V » with floating spreader	21 m	680 kg



V-shape tow rope

	Ref.	Features	Traction resistance
A	**70147**	With float. Recommended for buoys.	1860 kg
B	**70148**	With float winch. Maximum 1 seat buoys.	680 kg



Kneeboard

SPINERA

Wakeboard

Kneeboard Blue Fantasy

70149

Easy and funny learning for the whole family.
Ideal for beginners : easy start thanks to the handle hook.

- Stability and performance thanks to its padded support strap.
- Comfort : plastic rotomolded, foam kneepad.
- Moulded fins to ensure a good stability on the water.
  Dimensions : 1.26 m x 0.51 m.

For riders up to 100 kg.

Wakeboard pack

70150

Pack containing :
Performant and stable, ideal for beginners and intermediate riders who want to progress.

Ideal for learning how to jump and other tricks, predictable off the wake, easy to handle.

- 3 Rocker levels.
- For cable and boat practice.
- Length : 1.40 m.
- Shoes fitted with an open toe design : easy to put them on, easy adjustment with lace up and hook-and-loop fastener for a quick and optimal fit. One size.

Adjustable from 38 to 46 EU sizes.

For riders up to 90 kg.

Water skis

Semi-parabolic shape: V-tunnel for stability and easy deep-water starts. Allows great carving turns.
Coloured ABS plastic for better visibility in the water.
Back strap for monoskiing.

Adjustable from 33 to 40 EU sizes.

Water skis Junior Blue Danube 54"

70152

Ideal for young riders : children and teenagers.
Comfortable and adjustable bindings.
Length of skis : 1.37 m.

Adjustable from 37 to 47 EU sizes.

Water skis Red Sea 67"

70151

Model especially designed for beginner to advanced riders.
Comfortable and adjustable bindings.
Length of skis : 1.07 m.

Accessories

attwood

Wide angle water sports mirror 67358

Easy to install thanks to its universal support. Orientable up/down and right/left. Maximum safety : no blind spots thanks to the convex safety glass lens.

2-m orange pennant 25599

In most European countries, pneumatic towed crafts are subject to a specific regulation. A majority of countries require a quick release device on the tube, and have made it compulsory for the towing boat to fly a 2m bright orange pennant, giving clear evidence that a pneumatic craft is towed.

Repair kit 24816
(except Hypalon tenders)

Plastimo strongly recommends wearing a lifejacket when practising watersports.

See Solva ski 50 N buoyancy aid page 38.

TYPHOON

Tow bar

TurboSwing®
the power behind your outboard

Turboswing

Tow bar for wakeboarding, water skiing and fun tubing.

- Mounts directly on any outboard engine, with no need to take down the engine.
- Tow rope is attached to the EZPulley® that runs smoothly around the motor cowl.
- Pull force is exerted from the engine : provides more directional stability and contributes to a straight path and constant speed (also means reduced fuel consumption).

Driving with a steady course is easier and more comfortable and provides the skier or wakeboarder a smoother and safer ride.

- Pull force enhanced by at least 20 HP.
- Fuel saving.
- Protects the engine.
- Tow rope positioned well above the wave.
- Auto-trim, adjustable in height.

Complete TurboSwing® kit includes :
1 TurboSwing® tow bar, 2 swivelling bases, EZPulley®, protection stripe for base, snap hooks and screws with washers and caps.

Outboard motor	Ref.	Model
30-40 HP	**64427**	TurboSwing® XM
30-140 HP	**64191**	TurboSwing® XL
100-250 HP	**64192**	TurboSwing® XXL
150-350 HP	**64206**	TurboSwing® Giant
100-350 HP	**64431**	TurboSwing® Giant Twin (2 engines)

Accessory

EZ Pulley®
64193
(additional)

Watersports towers

Monster Tower
WAKEBOARD TOWERS & ACCESSORIES

HS1 sportstower by Monster Tower

The ultimate in watersports towers : construction combines 6063-T6 aluminium tubing and cast mounting bases.

HS1 is a superior product, providing excellent pulling power and a factory installed appearance.
Fully collapsible : captive quick release knobs allow for ultra quick folding.
In addition to its sturdiness, HS1 tower gives your boat an awesome look.

For boat size	Description	Ref.	Model	Warranty	Code
Length 4.80 m and more. Width 1.93 to 2.43 m	2-bar top for accessories	**65725**	HS1, glossy black aluminium	5 years	SOT504
		65754	HS1, natural silver aluminium	5 years	SOT500

Accessories not included, except 360° navigation light (2 NM visibility, COLREG 72).

Folds aft without tools, ideal under an awning or to fit into a garage or a boat house for wintering.

- Polished anodized 6063-T6 aluminium (aeronautical grade) : Ø 64 mm (2,5") on top bar, Ø 57 mm on front leg, Ø 48 mm on back leg.
- Quality finish for durability, backed up by **a 5-year warranty**.
- Engineered to easily mount on top of gunwales, requiring a 400 x 64 mm unobstructed flat surface.
- Headroom : 1.10 m (from cast base to bottom of top bar, need to add cockpit depth).
- Dual top bar for additional strength and accessory mounts.
- 360° navigation light included (2 NM visibility, COLREG 72).
- Pre-drilled concealed wiring holes for lights, speakers, etc.
- **Fully collapsible** : folds aft without tools, simply with the captive quick-release knobs.
- Easy DIY or professional installation.
- Completely silent.

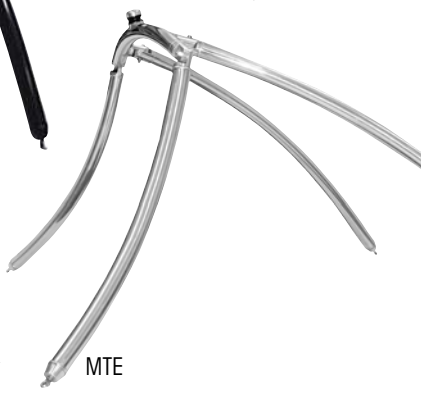
5 year Warranty

So much more fun for you and your guests!
In addition, the HS1 Monster Tower not only gives your boat an awesome look, it also potentially increases its value.

When selecting accessories, please check our "tube diameter" document on plastimo.com

Monster Tower
WAKEBOARD TOWERS & ACCESSORIES

Easily folds down to fit into a garage or a boat house for wintering.



MTK, MT1 & MTE sportstowers

Superior watersports towers for the perfect set-up on board of wakeboards, water skis, mirror, speakers, bimini-tops...

- Towers in polished anodized aluminium tubing Ø 64 mm (2.5") : the largest Ø on the market to support multiple accessories.
- Universal mounting ; fits virtually any trailerable boat.
- Quality finish for durability, backed up by a 5-year warranty.

For boat size	Description	Ref.	Model	Warranty	Code
Length above 4.80 m Width 1.82 to 2.60 m	Forward raked tower. 2-bar top for accessory mounts. 360° navigation light included (2NM visibility. COLREG 72)	**64197**	MTK, glossy black aluminium	5 years	SOT407
		65013	MTK, stealth black aluminium	5 years	SOT409
		64196	MTK, natural colour aluminium	5 years	SOT405
	2-bar top for accessory mounts	**64961**	MTK, glossy black 6063-T6 aluminium	5 years	SOT101
		64195	MTK, natural colour 6063-T6 aluminium	5 years	SOT100
Max length 4.80 m. Width 1.52 to 2.60 m	1-bar top for accessory mounts	**64194**	MTK, natural colour 6063-T6 aluminium	2 years	SOT301

Accessories Monster Tower

- ***Clamps for Monster Tower accessories***
  65015
  Aluminium, Ø 2.5". Ideal for HS1. Also allows to combine towers and accessories of different brands or diameters, jointly with 2 universal kits (ref. 64200 x 2).

- ***LED wake tower***
  70243
  Multipurpose LED fully sealed and compact size. Designed for wakeboard's tower, radar arch or other fixed structure.

- ***Articulated bracket***
  64962

- ***St. steel quick release knobs***
  65988
  Suitable for MTK, MT1 and MTE bars.

- ***Replacement rose joint***
  68762
  Used on the following tower models: MTE, MT1, MT2 & MTK.

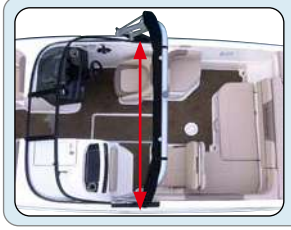
Bimini-tops

Bimini-top for HS1 sportstowers

Designed to mount over the HS1 wakeboard tower, affords optimum headroom.
- Polished anodized aluminium tubing and black nylon hardware.
- Solid black Sunbrella® fabric, rotproof and UV-treated : 10-year warranty on fabric.

Mounts on the front tubing of HS1 tower and provides shade to protect driver and spotter.
Folds along the tower main frame when not in use.
Supplied with storage sleeve for folded down bimini.

Model – Bimini HS1	Ref.	Code
Small* : 193-208 cm	**66142**	BIM-HS1-S
Medium* : 210-224 cm	**66143**	BIM-HS1-M
Large* : 226-244 cm	**66144**	BIM-HS1-L



***Which bimini size for my boat ?**
Measure from centre-of-gunnel to centre-of-gunnel across the width of your boat, just behind the windshield.

Bimini

- Mounts instantly on the rear legs of the MonsterTower.
- Deploys or folds out of the way when not in use.
- Solid black Sunbrella® fabric. Rotproof and UV-treated : 10-year warranty on fabric.
- Polished and anodized tubing with black nylon hardware.
- Includes a black Sunbrella® matching boot for storage.

Model	Ref.	Dimensions	Code
For MTK towers (64197, 65013, 64196)	**64201**	183 x 183 cm	BIM-MTK
For MT1 towers (64961, 64195)	**64216**	165 x 157 cm	BIM-MT1
For MTE tower (64194)	**64215**	163 x 163 cm	BIM-MTE

Mirrors

Equipped with quick-release system for removal in seconds for storage while arm remains on boat.

Mirror for tower mount

64199

Mounted on adjustable arm, easily, positioned for perfect view of rider or skier. Polished aluminium frame.
Tower mounting position combined with large size mirror (18 x 36 cm) make it easier to watch rider/skier.
On Monster Tower tubing Ø 64 mm (2" ½). Adapts to any other tube Ø with the addition of collar insert.
Ideally suitable for MT1 and MTE towers.

Windshield mount mirror

65016

Panoramic mirror (15 x 36 cm) for perfect view of skier or rider : enhances the safety of your watersports activities
Adjustable carbon fibre mount that clamps to your boat's windshield frame. Adapters included to fit almost any windshield.
Ideally suitable for HS-1 and MTK towers.

attwood

Wide angle water sports mirror

67358

Easy to install thanks to its universal support.
Orientable up/down and right/left.
Maximum safety : no blind spots thanks to the convex safety glass lens.

64198

64508

64429

64432

Wakeboard & ski racks

4 rack models to store safely your wakeboard, surf or water skis on board.

Equipped with a quick release mounting system to remove the rack without tools for security purposes, when trailering or when docking in a tight slip.

Racks are instantly compatible with MTK, MT1 and MTE bars.
If mounting on a HS-1 bar or on a tower of different brand or diameter, the addition of a collar insert kit is required (ref. 64200).

- Stylish and durable : forks in 6063 brushed anodized aluminium, holding bracket in 303 stainless steel.
- Rubber bumper to protect boat and boards.
- UV-resistant shock cords holds boards safely in place.

Rack model	Ref.	Colour finish	Fork width	Code
Wakeboard	**64198***	Brushed aluminium	38 mm	WBRBA-2.5
	64508*	Brushed aluminium, black coated	38 mm	WBRBK-2.5
Wake / surfboard combo	**64429**	Brushed aluminium	38 mm & 70 mm. 2 wakeboards or 1 wake + 1 surfboard.	SWR-2.5
	65679	Brushed aluminium, black coated		SWR-BK 2.5
Water ski	**64432**	Brushed aluminium	38 mm. 1 pair of combos or 2 slalom skis.	WSR-2.5

* Delivered with the kit of 6 collar inserts.

All racks come with a 64 mm (2"½) Ø mounting clamp to fit Monster Tower® bars specifically.
To install racks on a different bar Ø please order a kit of universal collar inserts.

- ***Kit of 6 collar inserts***
  64200

From 1"⅝ to 2" (41 to 63 mm)

Sold by the pair

18 W LED spotlights

65014

Super bright 18 W LED lights.
Casing in black polished anodized aluminium.
Fits any watersports tower with tubing Ø 38 to 64 mm (1"½ to 2"½).

- Input voltage : 10-30 V dc.
- 6 x 3 LEDs on each spotlight.
- Consumption : 1.3 Amp on 12 V / 0.6 Amp on 24 V.

Instantly compatible with MTK, MT1 and MTE bars.
If mounting on a HS-1 or a different diameter or brand, the addition of 2 collar kits is required (ref. 64200, 1 kit per spotlight).

Spotlights provide extra comfort and visibility around the boat : they are no substitute for mandatory navigation lights and are not intended for night time riding.

Compatible with MTK, MT1 and MTE bars.
All MTK bars are already delivered with white light.

360° white light

64435

White light on pole, horizontal or vertical mount with screw-on plate (included).
2 NM visibility, rated for 50.000 hours.
Easily wire into existing system.
Total height light + pole : 30 cm. Light Ø 5 cm.

A12 V - 13 Amp - 1,5 W.
USCG certified.

T-Top

5 year Warranty

T-Top Original

T-Top Original

- **Polished bright dipped aluminium : 66230**
- **Glossy off-white powder coated aluminium : 67719**
- **Matt black powder coated aluminium : 67513**

Ø 48 mm polished and anodized aluminium tubing structure.
Fits any center console boat with a console 60 to 130 cm wide.

- Folds down without tools for dry stack or garage storage, trailering or low bridge clearance. Can be easily installed by a do-it-yourselfer or by a refit yard.
- Integral grab handles port and starboard provide a comfortable grip. Lateral support bars for extra strength.
- Guaranteed strong, stiff and silent.
- Additional storage capabilities with optional accessories.
- Weight : 45 kg (includes metal frame and canvas-top).
- Top length x width 2.03 m x 1.52 m / Headroom : 2 m.
- Footprint and additional dimensions : on www.plastimo.com

Shading canvas for T-Top

Sunbrella® acrylic fabric provides efficient weather protection.

Colour	Reference
Black	**66244**
Pacific blue	**66245**
Navy blue	**66246**
Jockey red	**66247**
Burgundy red	**66248**
Forrest green	**66249**
Turquoise blue	**66251**
Cadet grey	**66252**

Options

Quick release knobs : 66231
Replace bolts for fastest fold down process. Delrin and stainless steel construction. 2 x 4 knobs recommended for each T-Top.

Stabilizer bar for T-Top : 66232
Adds extra stability, also works as a grab handle. Install high or low, on front legs or rear legs. Polished anodized tubing.

FISHMASTER™

5 year Warranty

T-Top tubing structure is supplied without canopy. Choose your favourite colour and add the canvas ref. to your order.

T-Top Pro series

Premium quality 6061 T6 aluminium structure, polished and anodized. Fits any center console 60 to 130 cm. Folds down instantly without tools : ideal for dry stack or garage storage. Sunbrella® acrylic canvas, the iconic fabric in terms of weather protection and durability.

And so much more to enjoy with the multiple storage possibilities provided by bespoke accessories.

T-Top Pro series

- **Polished bright dipped aluminium : 67015***
- **Glossy off-white powder coated aluminium : 67016***
- **Matt black powder coated aluminium : 67273***

* T-Top tubing structure alone.
You need to add the shading canvas top and choose your favourite colour.

- Fits any center console from 60 to 130 cm.
- Folds down twice (2 articulations) : very compact once folded down.
- Support structure in Ø 57 mm premium aluminium : strong legs + lateral bars contribute to overall rigidity and sturdiness.
- Optimal weather protection : 3.25 m² canvas top, 1.57 m wide.

Shading canvas for T-Top Pro

Sunbrella® acrylic fabric provides efficient weather protection and unmatched durability.

Colour	Ref.
Black	**67019**
Pacific blue	**67020**
Navy blue	**67021**
Jockey red	**67022**
Burgundy red	**67023**
Forrest green	**67024**
Turquoise blue	**67026**
Cadet grey	**67027**

Most compact once folded down : 1st articulation at console height, 2nd articulation in canvas top rack. With no need for tooling, you adapt your boat to garage storage or dry stack height.

	T-TOP PRO	T-TOP ORIGINAL
Side support Ø	57 mm	48 mm
Canopy support rack Ø	48 mm	48 mm
Grab handles Ø	32 mm	32 mm
Canopy* (not included)	3.25 m² Sunbrella®, choice of 9 colours	3.06 m²
Folding capability	Folds twice	
Overall height	2.14 m	2.05 m
Canopy top width	1.57 m	1.52 m
Weight including canopy*	63 kg	45 kg
Footprint and additional dimensions : see **www.plastimo.com**		

* Canopy is not originally included. Must be ordered separately, in your favourite colour.

Adjustable fishing rod holder

- Aluminium natural colour : **66233**
- Aluminium white satin finish : **67098**
- Aluminium, black matt : **68955**

Ø 48 mm polished and bright anodized 6063-T6 aluminium. Swivel mount and rotating clamp design gives you the freedom to position your rods at any angle you wish.

B

A

C

Electronics box

66237

Lockable waterproof fiberglass housing to keep your electronics secure and dry.

LED lights

	Ref.	Model	Description
A	**64435**	360° LED White light	2 NM visibility. USCG certified. 12 Volt, 13 Amp draw.
B	**66239**	LED spreader light	Durable and bright : 1530 lumen. Aluminium housing, 15.3 cm wide. Installation recommended with mounting bracket ref. 66236.
C	**66240**	Spot and flood LED combo light	Very powerful : 10.800 lumen. Aluminium housing, 54.6 cm wide. Can be mounted directly to T-Top. St. steel brackets and screws.

Storage bag

66242

Storage area 90 x 45 x 15 cm, ideal for storing lifejackets. Ventilated so that contents inside does not mould or mildew. Several pockets for additional storage.

Antenna brackets

A

B

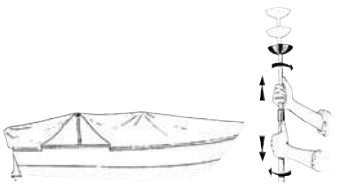
	Ref.	Model	Description
A	**66235**	Folding antenna mounting plate	Holes compatible with most folding antenna mounts. Swivels to be used on front, rear or sides of T-Top.
B	**66236**	Universal antenna bracket	Ideal to use with round base antennas. Also works great with navigation light or spreader light.

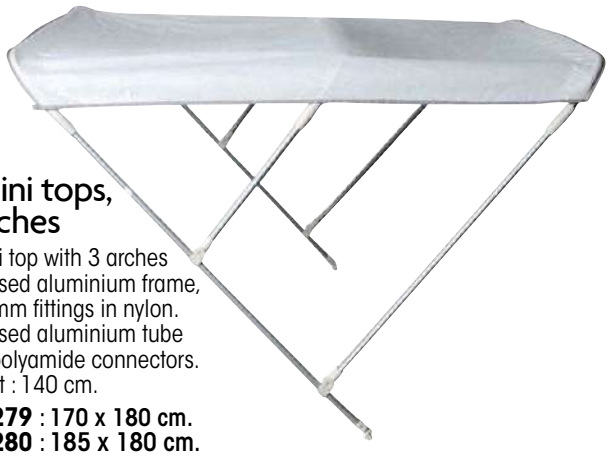
Bimini tops and fittings

Telescopic support poles for awnings

Anodised aluminium. Ideal for wintering, to prevent water stagnation in the awning.

Ref.	Height
43213	From 665 to 1020 mm
27497	From 865 to 1515 mm





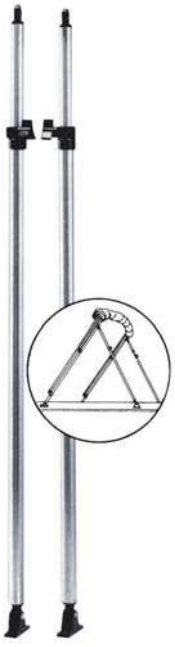
Bimini tops, 3 arches

Bimini top with 3 arches anodised aluminium frame, Ø 20mm fittings in nylon. Anodised aluminium tube with polyamide connectors. Height : 140 cm.

- **64279** : 170 x 180 cm.
- **64280** : 185 x 180 cm.
- **64281** : 200 x 180 cm.

See Monster Tower range p. 554

Monster Tower
WAKEBOARD TOWERS & ACCESSORIES



Bimini adjustable telescopic poles.

422107

Replace rear straps. Anodised aluminium. From 660 to 1220 mm. Sales unit : 2.

Polyamide eye ends

416799

For tube Ø 22 mm.

Lashing hooks

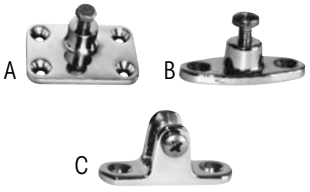
- White : **44015**
- Grey : **44016**

For rope Ø 8 mm maximum. Length 40 x height. 40 mm.

Chromed brass hook

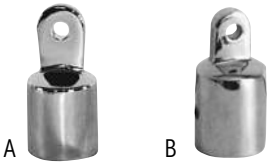
419221

43 x 12 x 13 mm (L x l x H)
Base 26 x 12 mm



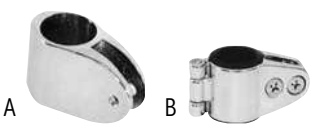
Hinges

	Ref.	Model	Features	Description	Length	Width	Height
A	**416273**	Screw	Side mount. Screw Ø 8 mm.	Stainless steel	47 mm	72 mm	-
B	**401487**	Screw	With screw Ø 5.5 m.	Chromed brass	49 mm	19 mm	16 mm
C	**400056**	Pin	Pin Ø 5 mm.	Chromed brass	50 mm	17.5 mm	18 mm



Eye ends

	Model	Ref.	For tube Ø	Material	Overall length	Int. Ø	Thickness	Depth
A	**Female**	**401090**	22 mm	Chromed brass	55 mm	8.5 mm	5.5 mm	-
B	**Female**	**404178**	22 mm	Stainless steel	60 mm	7 mm	7 mm	300 mm
		426706	25 mm	Stainless steel	60 mm	6.5 mm	6.8 mm	300 mm

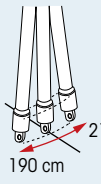


St. steel jaw slides

	Model	Ref.	For tube Ø	Material	Useful width	Pin Ø	Features
B	**Standard**	**401092**	22 mm	Chromed brass	8.5 mm	5 mm	Length 32 x width 54 mm
D	**Clamp-on**	**405834**	20 and 22 mm	Chromed brass	8 mm	5 mm	With polyamide adapter Ø 25 mm.

Bimini tops

100 % polyester fabric, manufactured in Italy : a high quality fabric, strong and lightweight, with excellent dimensional stability. Treated for waterproofness, UV longevity, mildew and chemicals resistance. High frequency welded seams provide added strength and elegant finish, combined with abrasion resistance.

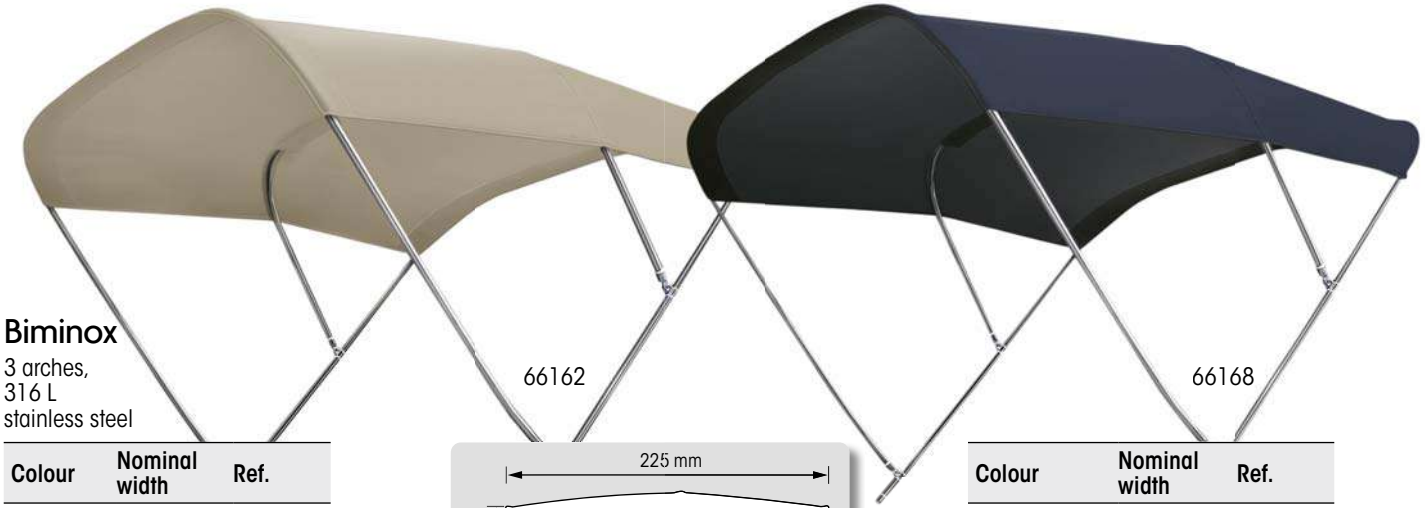


Nominal width: suitable for ± 5 % actual width.
Example : a 200 cm nominal width will adapt to a real boat width of 190 to 210 cm.

LIFETIME Warranty

TESSILMARE

Model	Biminox 3 arches	Aluminium 3 arches	Aluminium 2 arches
Tubes / structure	316 L AISI stainless steel, Ø 22 mm	White epoxy coated aluminium, Ø 20 mm	White epoxy coated aluminium, Ø 20 mm
Plastic junctions	Glass-reinforced Zytel nylon	Glass-reinforced Zytel nylon	Glass-reinforced Zytel nylon
Metallic junctions and buckles	316 L AISI stainless steel	316 L AISI stainless steel	316 L AISI stainless steel
Weight (average)	14 kg	6 kg	4 kg
Max. speed of use	60 Km/h 33 knots	60 Km/h 33 knots	40 Km/h 22 knots
Assembly	Supplied in kit, easy to assemble.	Supplied folded and pre-assembled.	Supplied folded and pre-assembled.
Accessories included in original pack	• Storage sleeve for folded bimini. • 4 tie-down straps + 4 strap eyes • Quick release tie-down latch and deck hinge.	• Storage sleeve for folded bimini. • 4 tie-down ropes + 4 strap eyes. • Nylon rowlock attachment (male + female).	



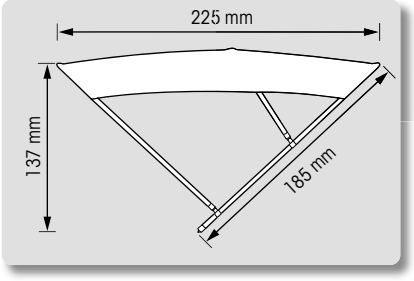
Biminox

3 arches,
316 L
stainless steel

66162

66168

Colour	Nominal width	Ref.
Beige RAL 1001	170 cm	**66162**
	185 cm	**66163**
	200 cm	**66164**
	215 cm	**66165**
	230 cm	**66166**
	245 cm	**66167**

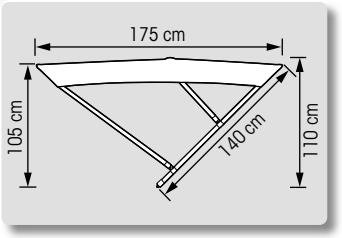


Colour	Nominal width	Ref.
Navy blue RAL 5011	170 cm	**66168**
	185 cm	**66169**
	200 cm	**66170**
	215 cm	**66171**
	230 cm	**66172**
	245 cm	**66173**

Aluminium bimini top, 3 arches

Epoxy coated aluminium, Ø 20 mm.

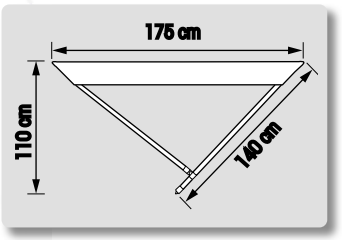
Colour	Nominal width	Ref.
Off-white RAL 9003	170 cm	**66156**
	185 cm	**66157**
	200 cm	**66158**
Light grey RAL 7004	170 cm	**66159**
	185 cm	**66160**
	200 cm	**66161**



Aluminium bimini tops, 2 arches

Epoxy coated aluminium, Ø 20 mm.

Colour	Nominal width	Ref.
Off-white RAL 9003	110 cm	**66150**
	130 cm	**66151**
	150 cm	**66152**
Light grey RAL 7004	110 cm	**66153**
	130 cm	**66154**
	150 cm	**66155**



Accessories for bimini tops

TESSILMARE

Support poles

- St. steel, Ø 22 mm : **66184**
- Aluminium, Ø 20 mm : **66185**

Quick-release tie-down latch : **66187**

(included originally with Biminox models)

Nylon rowlock attachment

- Nylon rod (male part) : **66182**
- Nylon base (female part) : **66183**

(rod + base are included originally with aluminium bimini tops)

Deck hinge

- St. steel + nylon deck hinge : **66174**

(included originally with Biminox models)

66178

66179

Deck hinges for RIBs and inflatables

- St. steel + nylon for Biminox : **66178**
- Nylon for aluminium bimini tops : **66179**

Jaw slides

- St. steel jaw slide, for rail Ø 25 mm : **66180**
- Nylon jaw slide, for rail Ø 25 mm : **66181**

66181

66180

Tie-down rope

- 4 ropes + 4 strap eyes : **66186**

(included originally)

Tracks

Adjustable tracks in aluminium and nylon.

- Top-mount track, 105 cm : **66175**
- Side-mount track, 105 cm : **66176**
- Top or side mount track, 100 cm : **66177**

66175

66176

66177

Leaning posts

Any experienced boat angler knows that a leaning post is much more comfortable and efficient than a regular seat at the helm : it allows you to run the boat from both standing and sitting positions and lets you slide easily from behind the helm into the fishing action.
A leaning post can also support a number of accessories that are helpful for anglers to have accessible at all times.

3 year Warranty

Original leaning post

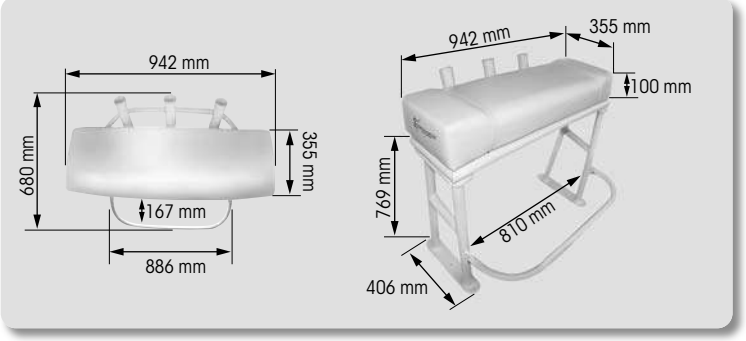
Fishmaster, the specialist of high-end T-Top, proposes a leaning post in 6061-T6 aluminium, heat-treated to ensure maximum strength and corrosion-resistance while also providing a radiant finish.

- Very sturdy framework constructed in Ø 48.2 mm marine grade aluminium tube. ABYC-H31* compliant.
- Folding foot-rest.
- Seat : Heavy duty marine grade vinyl, tested to ASTM G21 specifications for mildew and UV resistance. Comfort is provided by closed cell foam, 69 mm thick in the centre, increased to 100 mm on the sides just like an automotive seat. Designed with waterfall front contoured edge so that seat is never soaked.
  4 st. steel T-nuts included, to bolt the seat to the framework.
- 3 welded-in rod holders, 228 mm high, int. Ø 45 mm.
- Footprint : 942 x 406 mm.
- Weight : 20.4 kg.

* American Boat & Yacht Council H-31 : standard related to the construction and the installation of fixed seats on board (cockpit, deck and helm).

Framework	Upholstery	Ref.	Code
Natural bright aluminium	White seat	**67018**	SOF250A
Black matt aluminium	Black seat	**67032**	SOF250C-B
Off-white powder coated aluminium	White seat	**67017**	SOF250B-W

Creates space for Igloo 72 cooler ref. 11782 or comparable ice chest, 810 mm wide maximum.



Pro Series leaning post

Patent pending

5 year Warranty

FISHMASTER™

Fishmaster offers a hi-end leaning post with matching curvature and style to complement the Pro-Series T-Top. Its modular design allows you to customize your own leaning post by choosing the comfort level you expect and the accessories that match your boating style.

Pro Series leaning post

- Very sturdy framework construction in Ø 57 mm marine grade anodized aluminium tube, ABYC-H31* compliant.
- Folding foot-rest.
- Footprint : 113.7 x 40.6 cm. Accommodates an Igloo 72 cooler ref. 11782 or comparable ice chest 810 mm wide maximum.
- Seat pad in heavy duty marine grade vinyl, tested to ASTM G21 specifications for mildew and UV resistance.
- Seat pad flips up for access to dry bag storage (bag is an option).
- Perfect matching style with T-Top Pro Series : pimp your boat and give it an awesome look while also adding extra leisure functionalities.

* American Boat & Yacht Council H-31 : standard related to the construction and the installation of fixed seats on board (cockpit, deck and help).

Choose your favourite aluminium structure : bright dipped natural finish, glossy off-white or matt black powder coated aluminium. Select the basic structure featuring seat alone or upgrade your installation by adding the optional grabrail or backrest.

Framework (seat structure alone, no cushion)	Ref.	Code
Natural bright aluminium	**67629**	SOF231A
Glossy off-white powder coated aluminium	**67630**	SOF231B
Matt black powder coated aluminium	**67631**	SOF231D
Cushion (seat pad)	**Ref.**	**Code**
Off-white seat cushion with black accent	**67638**	SOF268
Black seat cushion	**67639**	FM-SOF270B

*845 mm with grabrail.

Upgrade your leaning post comfort and functionalities by adding optional extras !

Pro Series Deluxe backrest

Same finish and colours as the leaning post for a perfectly matching helm pod.

- Framework construction in Ø 57 mm marine grade anodized aluminium tube.
- 102° angled backrest for added comfort.
- Backrest cushion in marine grade vinyl.
- 4 rod holders / rocket launchers with plastic liner to protect fishing equipment.
- 3 stainless steel cup holders.

Deluxe backrest frame (no cushion)	Ref.	Code
Backrest only, natural bright aluminium	**67632**	SOF260A
Backrest only, off-white aluminium	**67633**	SOF260B
Backrest only, black aluminium	**67634**	SOF260D
Cushion (for backrest)	**Ref.**	**Code**
Off-white backrest cushion with black accent	**67640**	SOF269
Black backrest cushion	**67641**	FM-SOF270A

Grabrail

Mounts behind the seat as holding rail. Use grabrail alone : cannot be mounted in conjunction with Deluxe backrest.

Grabrail	Ref.	Code
Natural aluminium	**67635**	SOF261A
Off-white aluminium	**67636**	SOF261B
Matt black aluminium	**67637**	SOF261D

Storage bag for Pro Series

67642

Waterproof insulated storage bag provides space to store freshly-caught fish, tackle or drinks right beneath your seat. Simply strap the dry storage bag to the leaning post tubing.

- 8 straps to secure the bag and zip closure to keep contents safe.
- PVC coated 600D polyester material.
- Washable PVC 500D interior lining.
- 8 mm thick insulating PE foam.

Pilot seats

Bucket seats

Bucket seat
53302

PU foam with white marine grade vinyl finish.
Dimensions :
540 x 700 x 650 mm
(H x W x D).
Compatible with
5" x 12" seat mounts.

Deluxe sport seat
66213

High-quality seat for maximum comfort.
Blow molded frame and molded foam.
Weather resistant marine grade vinyl.
Dim. : 410 x 610 x 480 mm
(L x H x D).
Compatible with 5" x 5" and 5" x 12" seat mounts.
White/blue colour.

Deluxe sport flip-up seat
66214

Comfortable seat. Front hinge converts the seat into a lean-to and a flipped-up positions :
Blow molded frame and molded foam.
High-quality marine vinyl upholstery.
Mildew, weather and UV resistant.
Dim. : 380 x 610 x 510 mm
(L x H x D)
Compatible with 5"x 12" seat mounts.
White/blue colour.

Flip-up seat, stand-up/seating
53303

PU foam with white marine grade vinyl finish.
Front hinge converts the seat into :
- A lean-to position for optimum comfort.
- A flipped-up position for better visibility.

Thigh rest for the pilot when in the up position.
Dimensions :
530 x 570 x (470+50) mm
(L x H x D).
Compatible with 5" x 12" seat mounts.

Polyethylene seat
53300

UV-stabilised polyethylen.
With arm-rest and hand supports.
Dimensions :
432 x 483 x 407 mm
(H x W x D).
Compatible with
5" x 12" seat mounts.

Polyethylene seat
53299

UV-stabilised polyethylen with arm-rest.
Dimensions :
432 x 546 x 407 mm
(H x W x D).
Compatible with 5" x 12" seat mounts.

Removable back and seat cushions
53298

Highly resistant white marine grade vinyl. Quick drying.
Compatible with 5" x 12" seat mounts.

Nylon canvas seat cover
473761

Charcoal grey colour.
Max. dimensions :
height : 600 mm,
width : 500 mm,
depth : 450 mm.

Fishing seats

Fish Pro seat
66212

Comfortable seat for maximum lumbar support.
Charcoal grey colour.
Easy to fold.
Pinch-proof hinges.
Dim. : 480 x 660 x 580 mm (L x H x D).
Compatible with 5" x 12" seat mounts.

Ladder back seat
66215

2-piece plastic injection seat covered with UV-stabilized polypropylene substrate for durability.
White frame, off-white upholstery.
Removable snap-on cushions.
Molded armrest with polished aluminum brackets.
• Dim. : 560 x 560 x 530 mm (L x H x D).
• Compatible with 5» x 12» seat mounts.

Folding seats

Metal parts : 5 years warranty

High back folding seat
66209

Comfortable seat. Injection molded frame.
Safety strap in closed position.
Heavy-duty aluminium hinges.
Dim. : 41 x 53 x 38 cm (L x H x P).
Compatible with 5″ x 5″ seat mounts.
White/blue colour.

Skipper folding seat
66210 : white/blue
66211 : camouflage

Injection molded seat.
Built-in hinge for a greater support.
Extra-large seat.
High quality upholstery.
Dim. : 51 x 46 x 43 cm (L x H x W).
Compatible with 5″ x 5″ seat mounts.

Traveler folding seat
54830 : white
66207 : blue
66208 : camouflage

Made in strong copolymer.
Marine grade vinyl upholstery.
Safety strap in closed position.
Dim. : 51 x 36 x 46 cm (L x H x W).
Compatible with pedestrals ref. 53313, 54827 and deck plates 5" x 5".

Reversible back seat
53301

PU foam with white marine grade vinyl finish.
Dim. : 480 x 520 x 630 mm (L x H x D).
Compatible with 5" x 12" seat mounts.

Folding seat
53294 : White
53295 : Beige
53296 : Grey
53297 : Navy blue

Vinyl upholstery.
Folding back.
Dim. : 420 x 460 x 450 mm (L x H x D).
Compatible with 5" x 5" seat mounts.

Side utility seat
53314

White vinyl.
Supplied with bracket for partition wall mounting.
Dim. : 340 x 430 mm (L x D).

Helm seat

Norwegian helm seat
66216

High-back helm seat.
Foam padding covered in heavy-duty marine vinyl.
Dim. : 480 x 860 x 580 mm (L x H x W).
Compatible with 5" x 12" seat mounts.
Black colour.

Fixed complete seats on pedestals

Seats on pedestal

Anti-shock white polyethylene.
White leather imitation cushions.
Seat rotates through 360°
and is adjustable in height
510/730 mm.

Fixed Captain seat on pedestal

Description	Ref.
Complete Captain with pedestal and cushions	**427366**
Captain seat only	**427398**
Captain cushions only	**427399**
Complete pedestal	**413411**

Fixed Admiral seat on pedestal

Description	Ref.
Complete Admiral with pedestal and cushions	**427365**
Admiral seat only	**427380**
Admiral cushions only	**427382**
Complete pedestal	**413411**

Seat pedestals

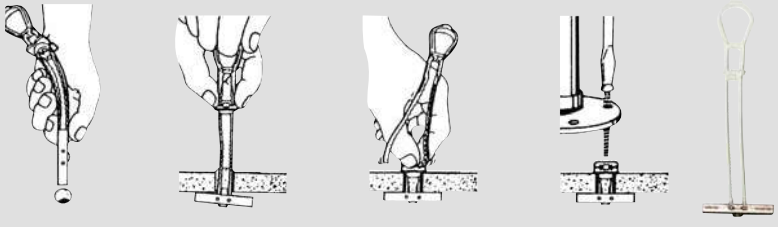
Telescopic pedestal, common to Captain & Admiral seats
413411

Anodised aluminium.
Rotates through 360°, adjustable in height 400-600 mm.
Enamelled base, Ø 240 mm.
Tube Ø : 70-90 mm.
Plate spacing : 135 x 135 mm.

Offshore pedestal seat
66218

Telescopic pedestal with footrest.
Swivel slide deck plate.
Tube Ø : 76 mm.
Base Ø : 300 mm.
Height : 660 to 860 mm.

Compatible with Norvegian helm seat 66216 and fish seats 66212 and 66215.



Fixing for seat pedestal
405948

304 st. steel system which enables pedestals to be bolted on when access under the deck isn't possible. Minimal space required : 48 mm.
Gap Ø : 13 mm. Metric thread Ø : 6 mm.

5 year Warranty

SPRINGFIELD

A

B

C

D

67791 recessed base only

Complete pedestals

	Description	Ref.	Height	Ø Base	Ø Tube	Deck plate
A	**Adjustable gas pedestal + slide swivelling plate** with lock.	**53311**	From 390 to 520 mm	230 mm	60 mm	5" x 12" (130 x 305 mm)
B	**Manual adjustable pedestal + slide swivelling plate** with lock.	**53312**	From 340 to 430 mm	230 mm	60 mm	
C	**Manual adjustable pedestal + swivelling plate** with lock.	**53313**	From 330 to 440 mm	250 mm	60 mm	5" x 5" (130 x 130 mm)
D	**Aluminium stowable, through-deck mount pedestal.** Aluminium swivelling plate with lock.	**54827**	510 mm	230 mm	60 mm	

Select your own pedestal Ø 73 mm

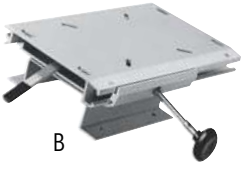
Compatible with deck plates 53308 and 53309

Select a base within the various possible heights and add a slide swivelling plate, or a swivel only. The tube is welded to the base.

Description	Ref.	Height	Ø Base	Tube Ø	Height pedestal + plate 53308	Height pedestal + plate 53309
Aluminium base	**53304**	240 mm	230 mm	73 mm	275 mm	265 mm
	53305	340 mm	230 mm	73 mm	375 mm	365 mm
	53306	390 mm	230 mm	73 mm	425 mm	415 mm
	53307	470 mm	230 mm	73 mm	505 mm	495 mm

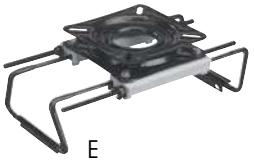
Deck plates

A


B

C

D


E

	Description	Model	Ref.	Option
A	**Adjustable swivel plate with lock.** Suitable for pedestal or deck mount.	5" x 12" (130 x 305 mm)	**54828**	–
B	**Aluminium swivel slide system** with lock.	5" x 12" (130 x 305 mm)	**405966**	–
C	**Steel swivelling clamp.** For seat mount, adjustable width 230 to 510 mm. Compatible with pedestal tube Ø 73 mm.	5" x 12" (130 x 305 mm)	**53308**	–
D	**Aluminium swivel plate.** (170 x 85 x 150 mm). Compatible with pedestal tube Ø 73 mm.	5" x 5" (130 x 130 mm)	**53309**	***53310*** *Swivel support for deck plate 170 x 85 x 150 mm*
E	**Aluminium swivel seat mount** with lock. (210 x 185 x 100 mm)	5" x 5" (130 x 130 mm)	**54829**	

Fishing stools

Stools / stand-up seats

- **Black : 66223**
- **White : 66224**
- **Camouflage : 66225**

Seat or lean against stool, « bicycle » style.
Compact design allows for more room when standing up to fish.
Foam padding covered in marine grade vinyl.
Dim. : 380 x 130 x 280 mm (L x H x D).

Threaded pedestal

67278

Adjustable pedestal. 360° rotation.
Height : 560 to 740 mm.
Compatible with threaded built-in square base ref. 66221.

Threaded built-in square base

66221

Fits pedestal ref. 67278.
Stainless steel with satin finish.
Dimensions : 180 x 180 mm.
Built-in dimensions (below deck) : 100 mm.
Cut-out hole : Ø 50 mm.

Standard pedestal

66222

Adjustable pedestal. 360° rotation.
Height : 560 to 740 mm.
Compatible with standard built-in square base ref. 67279.

Standard built-in square base

67279

Fits standard pedestal ref. 66222.
Below deck mounting.
Stainless steel with satin finish.
Dimensions : 180 x 180 mm.
Built-in dimensions (below deck) : 100 mm.
Cut-out hole : Ø 50 mm.

Option & Accessory

Above deck mounting

- ***Base : 66219***
  Weather resistant aluminium, Ø 230 mm. Compatible with 66223, 66224 and 66225.

- ***Adapter : 66220***
  Compatible with base 66219.

Marine horns

Trumpet design electric horns

Power	Sound	Ref.	Features	Dimensions (L x l x H)
12 V	1 tone	**405993**	Stainless steel, trump in ABS.	228 x 102 x 82 mm
12 V	Dual tone	**420061**	Stainless steel, trump in ABS.	228/292 x 102 x 82 mm
12 V	1 tone	**405994**	Stainless steel, trump in ABS.	292 x 102 x 82 mm

Compact electric horns

A

B

C

D

	Power	Sound	Ref.	Features	Amp.	Dimensions	Weight
A	12 V	1 deep tone 420 Hz, 107 dB (A)	**10528**	ABS and chrome. Supplied with chrome fixing plates.	4.5 A	100 x 155 x 70 mm	430 g
B	12 V	1 deep tone 430 Hz, 100 dB (A)	**13324**	Flushmount horn in white ABS. Flushmount Ø 90 mm.	4.5 A	126 x 126 x 67 mm	420 g
C	12 V	1 deep tone 370 Hz, 105 dB (A)	**418518**	Chromed plastic + st. steel.	6 A	100 x 110 x 70 mm	400 g
D	12 V	1 sharp tone 490 Hz, 108 dB (A)	**10179**	Electromagnetic. Chromed-plated. Supplied with st. steel bracket.	5 A	105 x 100 x 105 mm	500 g

Windscreen wipers

Windscreen wipers complete

Ref.	Sweep angle	Description
13313	90°	Supplied complete. 12 V - 1-speed motor with 63 mm shaft. Self-parking. Entirely constructed from stainless steel. Arm adjustable from 180 to 280 mm. 280 mm wiper blade.
17615	110°	

Spare Parts

Ref.	*Description*	*Voltage*	*Speed*	*Length*
400478	*Wiper motor*	*12V, 90°*	*1*	*63 mm*
416789		*12V, 110°*		
416790		*24V, 90°*		
400500	*Steel arm, mounting clips*	-	-	*355 mm*
13315	*Spare st. steel arm adjustable*	-	-	*180 to 280 mm*
13314	*Spare st. steel*	-	-	*280 mm*
400505	*Spare st. steel*	-	-	*355 mm*

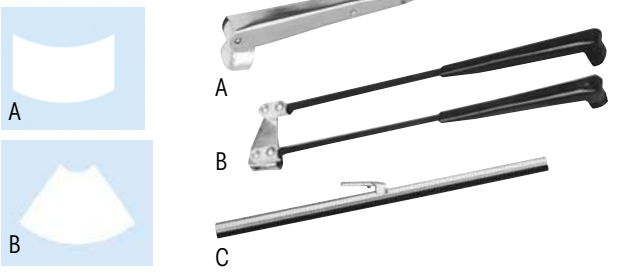
Hand wiper
43023

Supplied complete.
Chrome-plated brass handle.
St. steel arm adjustable
from 190 to 280 mm.
280 mm st. steel wiper blade.

Wiper motor

2 speed, self parking.
Adjustable sweep angle : 83°, 100°, 110°, 120°. Axis Ø 13.8 mm.

Ref.	Voltage	Axis length	Working length
400496	12 V	56 mm	50 mm



Arms and wiper blades

	Ref.	Model	Length
A	**415038**	Stainless steel arm	285 to 385 mm
B	**404727**	Pantograph arm	285 to 385 mm
C	**400508**	Stainless steel arm	354 mm
	415040		407 mm

Watertight windscreen wiper motor

Watertight windscreen wiper motor with white cover, étanche IP65.
2 speeds, self parking. Angle adjustable between 45° and 110°.
Suitable for arms of up to 610 mm. Axis Ø 13.8 mm.

Réf.	Voltage	Axis length	Working length
472998	12 V	68 mm	42 mm
476214	12 V	42 mm	16 mm
476215	24 V	42 mm	16 mm

Arms and wiper blades

	Ref.	Description	Length
A	**472994**	Adjustable straight arm St. steel black	310/440 mm
	472993		480/610 mm
B	**472992**	Adjustable pantograph arm Black St. steel	340/470 mm
	472991		475/610 mm
C	**472989**	Black metal wiper blade for straight and curved glass	305 mm
	472990		406 mm

Kill cords

On boats equipped with an engine remote control unit, Plastimo strongly recommends to have a second kill cord on board : in the event of a man over board, it is vital to be able to start the engine immediately for rescue manoeuvres.

Supplied with 7 hooks for engines :

A - Mariner - Mercury
B - Mariner - Suzuki - Johnson 4-stroke
C - Tohatsu
D - Honda - OMC
E - OMC - Johnson Evinrude
F - Yamaha
G - OMC

Universal kill cord

64899

Universal coil kill cord with 7 hooks to match all major engine brands.

Kill cord for Outboard engine

27296

Dashboard mount emergency cut-off switch.
A quick pull on the cord stops the engine.
In case of a man overboard, just switch the toggle to start the engine.

Engine start braid

High strength, polyester braided with 16-plait core.
High friction resistance. Density :1.38.

Ø mm	White/black	Break load	Length
3	**417122**	200 kg	200 m
4	**417123**	320 kg	100 m
5	**417124**	400 kg	
6	**470001**	590 kg	

Instruments

UFLEX

Ultra Black series

Instruments

Function	Ref.	Description	Cut-out Ø	Dial range	*Options*
Electronic rev-coubter dial	**471794**	Universal for all outboard engines 4, 6, 8, 10 and 12 poles	85 mm/3,37"	8000 rpm	-
Speedometer	**64734**	Speed indication - 35 knots	85 mm/3,37"	35 knots	***471826*** *: Pitot sensor.* ***471827*** *: Pitot sensor with 6 m (20') of tubing.* ***64784*** *: 6 m (20') of tubing.*
	471790	Speed indication - 55 knots	85 mm/3,37"	55 knots	
Fuel level gauge 10-180 Ohm	**471804**	-	53 mm/2,07"	E - 1/2 - F	***471825*** *: Adjustable fuel level sender from 20 to 60 cm (7,9" to 23,6").*
Water level gauge 10-180 Ohm	**471812**	-	53 mm/2,07"		
Voltmeter 12 V	**471881**	For all 12 Volt electrical system	53 mm/2,07"	12 V	-
Hourmeter	**64736**	12-32 Volt	53 mm/2,07"	-	-
Rudder angle indicator	**64738**	Indicates relative position or rudder	53 mm/2,07"	-	***473654*** *: Rudder angle sender - single station.*

Electric sending units

Impedance : 10-180 Ohm

CE

Height	Ref.
185 mm	**62049**
200 mm	**61999**
250 mm	**62000**
270 mm	**62001**

Height	Ref.
280 mm	**62047**
300 mm	**62002**
390 mm	**62003**

Control box – control cable application matrix

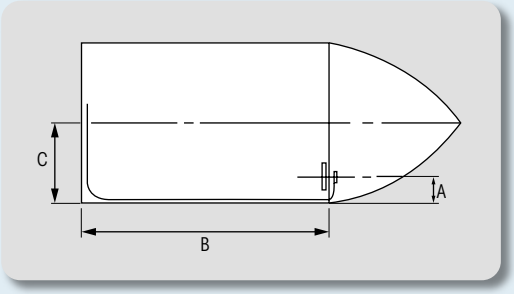
Model	B400	B183 – B184 – B85	B301 – B302	B103	B104	B89- B90
C2	X	X	K59*	X	X	X
C8	X	X	K59*	X	X	X
C14	-	X	X	-	-	K51
C5	-	K35	K60	-	-	K35
C36	-	-	K62	-	-	-
C16	-	K35	K60	-	-	K35
C22	-	-	K61	K33	-	-
MACHZero	X	X	K59*	X	X	X
MACH5	-	K35	K60	-	-	K35
MACH36	-	-	K62	-	-	-
MACH14	-	X	X	-	-	K51

*Supplied with the control box.
X : no kit required.

How to measure the engine control cable ?

For new installation, measure cable routing path from control head attachment point to engine (A + B + C) and add 15 cm.

To determine the length needed when replacing the cable : measure it from tip to tip, add 45 cm and round up to the next foot.



Metres	1.52	1.82	2.13	2.43	2.74	3.04	3.35	3.65	3.96	4.26	4.57	4.87	5.18
Feet	5	6	7	8	9	10	11	12	13	14	15	16	17

	Engine	Ultraflex engine control cable
Outboard	Mercury / Mariner above 37 kW (50 hp)	C5 – MACH5
	Force / Selva / Yamaha / Suzuki / Tohatsu / Honda / Nissan	C8 – MACHZero
	Johnson / Evinrude / BRP	After 1979 C14
Sterndrive	Mercruiser	C5 – MACH5
	OMC / BRP	After 1979 C14
	Volvo Penta / Yanmar / Volkswagen	C8 – MACHZero
Inboard	-	C8 – MACHZero

Polyester braided sleevings

Monofilament polyester, black. Length : 20 m.
Compliant with RoHS 2002/95/CE specifications.

- Temperature class : F
- Continuous working temperature : -50°+155° with peaks at +180°
- Halogene free
- Flammability : self-extinguishing
- Good mechanical resistance
- Excellent resistance to abrasion
- Good resistance to solvent
- Non watertight
- Very flexible
- Expansion rating : from 1 to 2
- Cut with a solder iron to avoid fraying

Ref.	Nominal internal Ø	Ultraflex reference
64745	10 mm (0.39")	68146 N
64746	15 mm (0.59")	68147 R
64747	20 mm (0.78")	68148 T
64748	25 mm (0.98")	68149 V
64749	30 mm (1.18")	68150 D

Steering

Steering helms

Comply with EN 29775 & ABYC P17 standards.

T 67 steering helm
416756

Standard steering helm in Stainless steel with a friction externally adjustable.
For outboard boats up to 55 CV (40 kW)*.
Steering wheel and cable not included.

- 90° built-in holder.
- Number of rotations : 2.5.
- Stroke : 230 mm / 9".
- Max. steering wheel Ø : 380 mm / 15".
- Minimum curve radius : 200 mm / 7.9".
- 3/4" conical axis.
- Compatible with the M58 cable (optional).

*Excepted for EVINRUDE E-TEC 50 engine, it's recommended to use a T85 or T71FC steering helm.

Ideal in restricted areas.

T 85 steering helm
429440

Standard steering helm in Stainless steel with a friction externally adjustable.
For outboard, inboard & sterndrive boats up to 300 CV (221 kW).
Do not use on boats equipped with engines that exceed the maximum horsepower rating of the boat. Steering wheel and cable not included.

- 90° built-in holder.
- Number of rotations : 3.
- Stroke : 228 mm / 9".
- Max. steering wheel Ø : 406 mm / 16".
- Minimum curve radius : 200 mm / 7.9".
- 3/4" conical axis.
- Compatible with the M66 cable (optional).

T 71FC steering helm
416539

Compact steering helm in Stainless steel, featuring planetary gear design.
For inbord & Z-drive boats up to 10.50 m or outboard up to 235 CV. Suitable for restricted areas.
Steering wheel, cable and cover not included.

- Number of rotations : 3.8.
- Stroke : 228 mm / 9".
- Max. steering wheel Ø : 406 mm / 16".
- Minimum curve radius : 200 mm / 7.9".
- 3/4" conical axis.
- Compatible with the M66 cable (optional).

T 73NRFC steering helm
64722

Steering helm in Stainless steel, featuring planetary gear design.
For inboard boats up to 10.5 m or outboard boats up to 9 m.
Steering wheel, cable and cover not included.

- Number of rotations : 3.8.
- Stroke : 228 mm / 9".
- Max. steering wheel Ø : 406 mm / 16".
- Minimum curve radius : 200 mm / 7.9".
- 3/4" conical axis.
- Compatible with the M66 cable (optional).

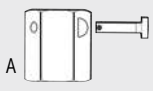
For T 71FC, T 73NRFC & T 91 steering helms : do not use on boats equipped with engines that exceed the maximum horsepower rating of the boat. For faster boats, higher than 80.5/h (50 mph), hydraulic systems are recommended.

T 91 steering helm
64723

Steering helm in Stainless steel, featuring planetary gear design.
For high performance and high efficiency applications.
For outbord boats up to 9 m, inbord up to 10.5 m & sterndrive.
Steering wheel, cable and cover not included.

- Number of rotations : 4.2.
- Stroke : 228 mm / 9".
- Max. steering wheel Ø : 406 mm / 16".
- Minimum curve radius : 200 mm / 7.9".
- 3/4" conical axis.
- Compatible with the M90 cable (optional).

Adapters



	Model	Ref.	For cable
A	**K66**	**416612**	M66 cable on former Ultraflex steering systems : T55, T71, T72, T73NR, T74NR, T81, T82, T83NR, T84NR.
B	**K46**	**423235**	M47 cable on Ultraflex steering systems : T85, T71FC, T72FC, T73NRFC, T74NRFC, T81FC, T82FC, T83NRFC, T84NRFC.

Accessories

X 34

X 35

Steering supports

Black, supplied with fastening nut and pin.

Model	Ref.	Description
X 34	**405900**	90° base
X 35	**405898**	20° tilted base

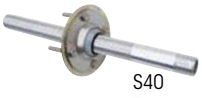
A73SS/ A74SS

A75

Engine connection kits

Model	Ref.	Description
A73SS	**401684**	Stainless steel tiller arm for some Mercury engines.
A74SS	**64728**	Stainless steel tiller arm for some Johnson, Evinrude, BRP engines.
A75	**415989**	Clevis.

S39


S40

S55

S61

S62

Steering cable supports

Model	Ref.	Description
S39	**64724**	Clamp block in marine aluminium and stainless steel.
S40	**64725**	Splashwell mounting, corrosion resistant.
S55	**412507**	90° rudder support, corrosion resistant.
S61	**64726**	Clamp block, corrosion resistant painted steel.
S62	**64727**	Clamp block, corrosion resistant painted steel. Same design as S61, smaller dimensions.

R1B

R2B

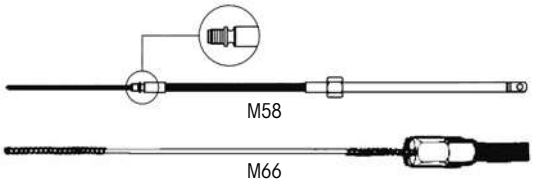
R3B

R4B

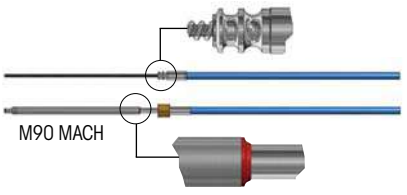
Cable bellows

Shift cable rubber bellows, black.

Model	Ref.	Description
R1B	**64729**	Ø 152 mm (6") / h : 110 mm (4,3"). Screwed, for steering cable.
R2B	**64730**	Ø 105 mm (4,1") / h : 65 mm (2,5"). Screwed, for steering cable.
R3B	**64731**	2 holes Ø 105 mm (4,1") / h : 52 mm (2"). Screwed, for engine cable & reverser.
R4B	**64732**	Ajustable Ø 105 mm (4,1") / h : 68 mm (2,6"). Screwed, wiring harness.


M58

M66


M90 MACH

Steering cables

Model	For Ultraflex steerings	For other steerings	Cable length						
			8'	9'	10'	11'	12'	13'	14'
			2.44 m	2.74 m	3.05 m	3.35 m	3.66 m	3.96 m	4.27 m
M58	T 67	C230 and C231 Morse / Compac-T / Teleflex/ 805TX	**416760**	**417294**	**416761**	**400665**	**416762**	**416763**	**416764**
M66	T 85 / T 71FC / T 72FC / T 73NRFC / T 74NFRC / T 81FC / T 83NRFC	Safe T QC / NFB Safe-TII / NFB 4.2 / Teleflex / D290 Morse	**429441**	**429442**	**429443**	**429444**	**429445**	**429446**	**429447**
M90 MACH	T 91 / T 93ZT / T 101 / T 103ZT / T 85 / T 71FC / T 72FC / T 73NFRC / T 74NRFC / T 81FC / T 83NRFC	Safe T QC / NFB Safe TII / NFB 4.2 / Teleflex / D290 Morse	**64699**	**64700**	**64701**	**64702**	**64703**	**64704**	**64705**
Model	**For Ultraflex steerings**	**For other steerings**	15'	16'	17'	18'	19'	20'	21'
			4.57 m	4.88 m	5.18 m	5.49 m	5.79 m	6.10 m	6.40 m
M58	T 67	C230 and C231 Morse / Compac-T / Teleflex / 805TX	**416765**	**416766**	**419285**	**416767**	**418625**	-	-
M66	T 85 / T 71FC / T 72FC / T 73NRFC / T 74NFRC / T 81FC / T 83NRFC	Safe T QC / NFB Safe-TII / NFB 4.2 / Teleflex / D290 Morse	**408964**	**408965**	**408966**	**408967**	**408968**	**408969**	**408970**
M90 MACH	T 91 / T 93ZT / T 101 / T 103ZT / T 85 / T 71FC / T 72FC / T 73NFRC / T 74NRFC / T 81FC / T 83NRFC	Safe T QC / NFB Safe TII / NFB 4.2 / Teleflex / D290 Morse	**64706**	**64707**	**64708**	**64709**	**64710**	**64711**	**64712**

Hydraulic steering systems

GOTECH-OBF
Up to 115 HP

ULTRAFLEX

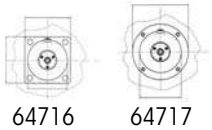
Spare parts :
see www.plastimo.com

Hydraulic steering system kits

Model	Ref.	Contents	Wheel turns	*Options*
GOTECH-OBF up to 115 HP	**64713**	- Helm - UP18 - Cylinder - UC81-OBF - Flex hoses : Kit - OB-GT/M-60 (L. 6 m). - 2 L of oil.	4.5	*Steering wheel (see pages 578-579).* ***64718*** *: bulkhead hose kit - R5.* ***64719*** *: bulkhead hose kit - R5SS.* ***64720*** *: dual thru-hull hose kit - R8B, black.*
HYTECH-OBF/1M-90 up to 175 HP	**70130**	- Helm - UP20F - Cylinder - UC95-OBF - Flex hoses : Kit - OB/M-90 (L. 9 m). - 2 L of oil.	4.7	*Steering wheel (see pages 578-579).* ***64716*** *: square flange - X64.* ***64718*** *: bulkhead hose kit - R5.* ***64719*** *: bulkhead hose kit - R5SS.* ***64720*** *: dual thru-hull hose kit - R8B, black.*
NAUTECH-3.1/M-90 up to 300 HP*	**64715**	- Helm - UP25F - Cylinder - UC128-OBF - Flex hoses : Kit - OB/M-90 (L. 9 m). - 2 L of oil.	4.8	*Steering wheel (see pages 578-579).* ***64716*** *: square flange - X64.* ***64717*** *: round flange - X57.* ***64718*** *: bulkhead hose kit - R5.* ***64719*** *: bulkhead hose kit - R5SS.* ***64720*** *: dual thru-hull hose kit - R8B, black.* ***64721*** *: tie bar - A94.*
* Up to 300 HP with 1 motor or Up to 500 HP with 2 motors in reverse rotation.				
NAUTECH-3.2/M-90 Up to 300 HP*	**64964**	- Helm - UP25F - Cylinder UC128-OBF/2 - Flex hoses : Kit OB/M-90 (L. 9 m). - 2 L of oil.	4.8	
* Up to 300 HP with 1 motor or Up to 500 HP with 2 motors in reverse rotation.				

Accessories

- ***Flanges***
  Permit to install the pump in an intermediate dashboard position.
  Square flange - X64 : 64716
  Round flange - X57 : 64717



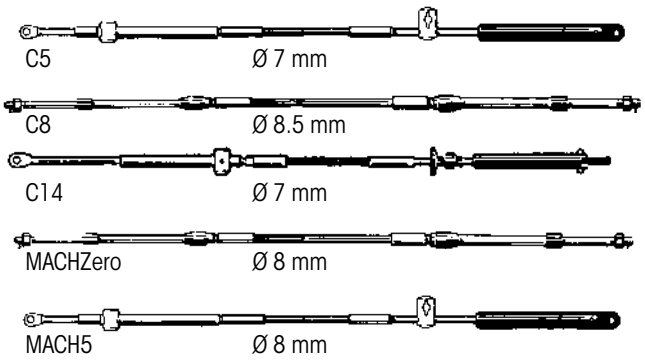
64716 64717

- ***Bulkhead strain relief hose kits***
  It features a water tight gripper fitting & a bulkhead fitting flange for hose protection.
  Bulkhead hose kit - R5 : 64718
  Bulkhead hose kit - R5SS, *with stainless steel flange :* ***64719***

64718 64719

- ***Dual thru-hull hose kit, black - R8B : 64720***

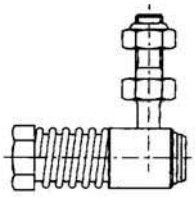
- ***Tie bar - A94 : 64721***
  Max. 500 HP with 1 cylinder / motors in reverse rotation ;
  Max. 300 HP with 1 cylinder / motors with the same rotation.



Engine control cables

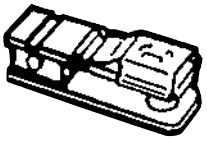
Model	Stroke	Description
C5	95 mm / 3,75"	For Mercury & Mercruiser engines.
C8	87 mm / 3.4"	For inboard, sterndrive & outboard, with appropriate accessories
C14	75 mm / 3"	For BRP-Evinrude (OMC) engines, since 1979.
MACHZero	87 mm / 3.4"	For inboard, sterndrive & outboar. For professional or intensive use. Ideal for long complex cable routings.
MACH5	95 mm / 3.75"	High performance, for Mercury & Mercruiser engines.

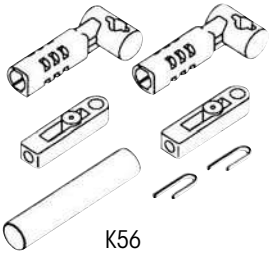
Model	Length												
	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'
	1.83 m	2.13 m	2.44 m	2.74 m	3.05 m	3.35 m	3.66 m	3.96 m	4.27 m	4.57 m	4.88 m	5.18 m	5.49 m
C5	**409398**	**412799**	**409399**	**409400**	**409401**	**413401**	**409402**	**413402**	**409403**	**414361**	**424061**	**424062**	**424063**
C8	-	**470752**	**419633**	**421730**	**419635**	**419636**	**419637**	**419638**	**421731**	**419641**	**421785**	**421786**	**421859**
C14	**409404**	**413400**	**409405**	**409406**	**409407**	**409408**	**409409**	**409410**	**409411**	**416221**	**416222**	**416223**	-
MACHZero	-	**471158**	**471159**	**471160**	**471161**	**471162**	**471163**	**471164**	**471165**	**471166**	**471167**	**471168**	**471169**
MACH5	-	**473052**	**473053**	**473054**	**473055**	**473056**	**473057**	**473058**	**473059**	**473060**	**473061**	**473062**	-
Model	**19'**	**20'**	**21'**	**22'**	**23'**	**24'**	**25'**	**26'**	**27'**	**28'**	**29'**	**30'**	
	5.79 m	**6.10 m**	**6.40 m**	**6.71 m**	**7.01 m**	**7.32 m**	**7.62 m**	**7.92 m**	**8.23 m**	**8.53 m**	**8.84 m**	**9.14 m**	
C5	-	-	-	-	-	-	-	-	-	-	-	-	
C8	**419644**	**421732**	**421860**	**419647**	**421733**	**419649**	**421861**	**421862**	**421863**	**418583**	**424089**	**470755**	
C14	-	-	-	-	-	-	-	-	-	-	-	-	
MACHZero	**471170**	**416574**	**416614**	**416615**	**416616**	**416624**	**416626**	**416630**	**416576**	**416635**	**416647**	**416649**	
MACH5	-	-	-	-	-	-	-	-	-	-	-	-	


L7

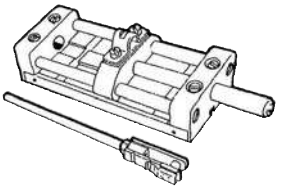
L12

L14


L25



K56


L23

Accessories for engine control cables

Model	Ref.	Description
L7	**414193**	Ball joint 10-32 UNF. Stainless steel, fits C2, C8 and MACHZero cables.
L12	**426052**	Cable end fitting.
L14	**420055**	Cable clamp block. Fits C2, C8 and MACHZero cables.
L25	**426541**	Clevis 10-32 UNF. Fits C2, C8 and MACHZero cables.
K56	**470699**	Adapts C2, C8 and MACHZero cables for use with Mercury engines.
L23	**422666**	Selector unit for use with single lever controls in dual station applications.

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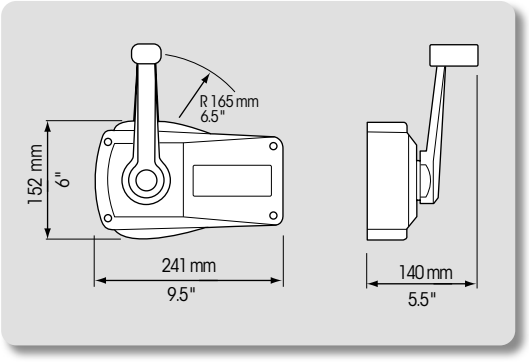
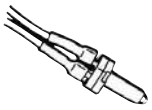


B89-B90 control systems
Bulkhead-mounted

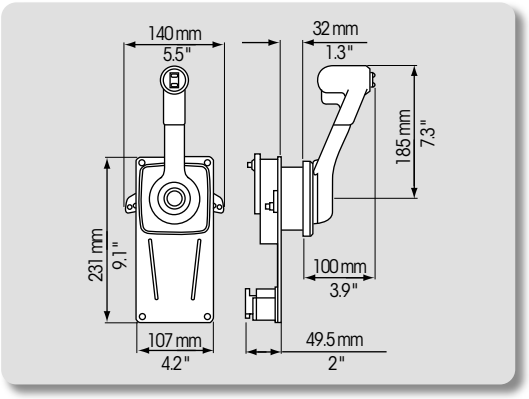
For inboard, sterndrive or outboard boats.
Single lever double action controls, can be installed horizontally or vertically, on the starboard or port side of the boat. Made of painted marine aluminum.
By pulling the lever boss in neutral position the throttle can be driven without engaging the clutch. Security device enabling the reverse switch to be operated only when the accelerator is idling.

Model	Ref.
B89 white control system	**414031**
B90 black control system	**414032**
K51 - cable : C14. For Evinrude (since 1979) & Johnson engines.	**403774**
K35 - cable : C5 - MACH5. For Mercury engines.	**403773**

Option



- ***X12 safety micro-switch. 400711***
  Enables engine to be started in neutral only.

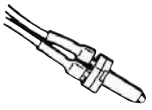


B183-B184 control systems
Bulkhead-mounted

For all brands of inboard and outboard engines. Single lever double action controls, can be installed horizontally or vertically, on the starboard or port side of the boat. Made of painted marine aluminum. By pulling the lever boss in neutral position the throttle can be driven without engaging the clutch. Security device enabling the reverse switch to be operated only when the accelerator is idling. Pull-out handle disengages shift for warm-up, friction adjustable externally.
The control systems work with all cables except for C22, C36 and MACH36.
For cables C5, C16 and MACH5 use kit K35 (403773).

	Model	Ref.
A	B183 control system with manual neutral position - black.	**416557**
B	B184 control system with manual neutral position & trim - black.	**416563**
	K35 - for C5, C16 & MACH5 cables	**403773**

Option



- ***X12 safety micro-switch. 400711***
  Enables engine to be started in neutral only.

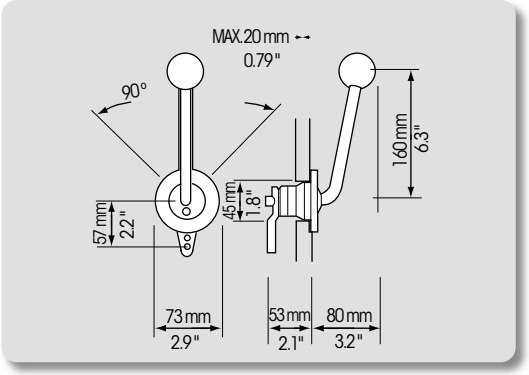
B35 control system
Single-lever

416176

St. steel single-lever for reverse switch or accelerator.
For C2, C8 & MACHZero cables.
Adjustable brake tension. Supplied with built-in friction to avoid throttle creep and spring-loaded ball in reverse position.

Option

- ***Screw kit. 411086***



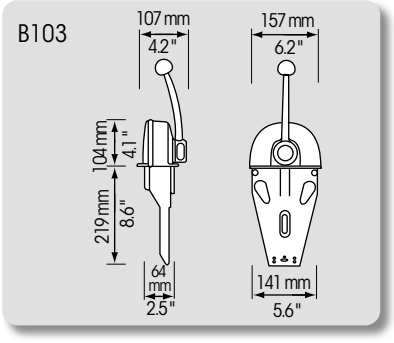
B103

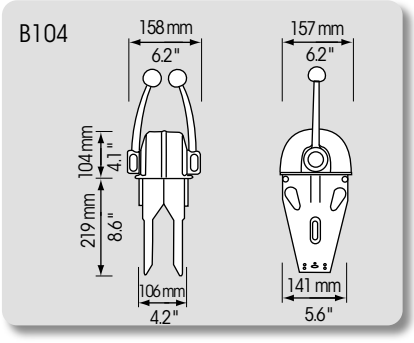
B104

B103-B104 control systems
Console-mounted

For inboard, sterndrive or outboard boats.
Dual-function lever (reverse gear and accelerator) with friction brake.
Made of painted marine aluminum.
Security device enabling the reverse switch to be operated only when the accelerator is idling.

Model	Ref.
B103 control system - Single-lever	**64741**
B104 control system - Twin-lever	**423891**





Option

- ***X43 safety micro-switch.***
  410959

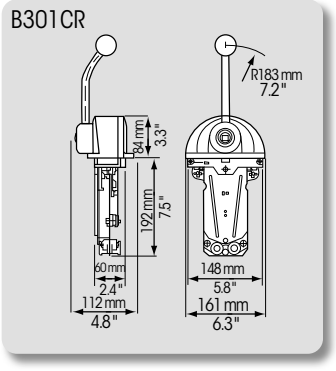
B301CR

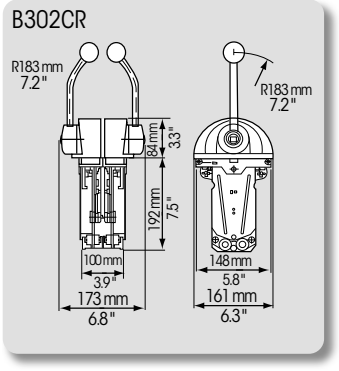
B302CR

B301CR - B302CR control systems
Console-mounted

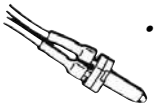
For inboard, sterndrive or outboard boats.
Dual-function lever (reverse gear and accelerator) with friction brake.
Made of painted marine aluminum.
Low profile style and compact single lever control.
Security device enabling the reverse switch to be operated only when the accelerator is idling.

Model	Ref.
B301CR control system - Single-lever	**64742**
B302CR control system - Twin-lever	**64743**
K60 - for cables : C5, C16 & MACH5	**64844**





Option

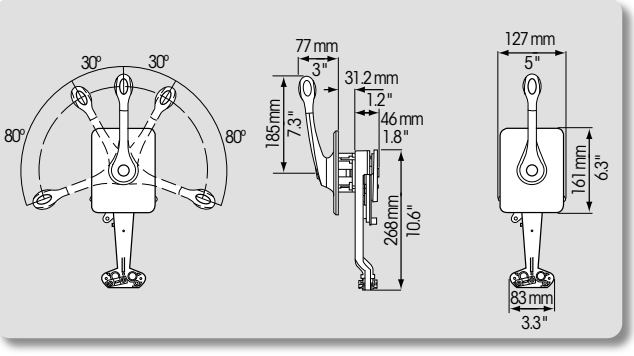


- ***X12 safety micro-switch.***
  Enables engine to be started in neutral only.
  400711

B 400 control system
Single lever

64744

316 stainless steel lever and flange for a better resistance in the marine environment.
Control system available in mechanical or hybrid version (patented). Provided with a brake tension release system, easily adjustable.
Security device enabling the reverse switch to be operated only when the accelerator is idling.Can be installed horizontally or vertically. X41 safety micro-switch included.
Spare part : ***X41 safety micro-switch.*** *Enables engine to be started in neutral only, IP67.* ***64843***



Steering wheels

ULTRAFLEX

V20

V32

V33

V38

V57

V60

V61

V67

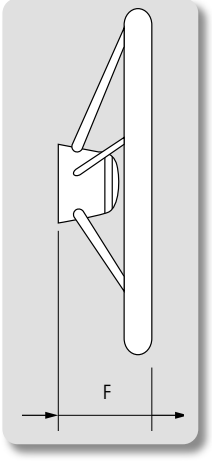
V70

V89

Steering wheels

¾" bore. Hub included.
Meet with the EN 28848 & ABYC P22 standards.

Model	Ref.	Description	Ø	Flaring - F	Colour
V20	**64750**	Polyurethane grip	350 mm/13.8"	67 mm/2.64"	Black
V32	**64751**	Unbreakable thermoplastic	335 mm/13.2"	92 mm/3.62"	
V33	**416628**	Unbreakable thermoplastic	342 mm/13.4"	105 mm/4.1"	
V38	**403797**	Grained thermoplastic & polyurethane	350 mm/13.8"	85 mm/3.3"	
V57	**415968**	5 st. steel spokes, polyurethane sheath	350 mm/13.8"	76 mm/3"	White
V60	**416609**	Grained thermoplastic & polyurethane	350 mm/13.8"	85 mm/3.3"	
V61	**472548**	Wooden grip	350 mm/13.8"	85 mm/3.3"	Mahogany & black
V67	**64752**	5 st. steel spokes	400 mm/15.7"	100 mm/3.9"	Mahogany
V70	**64753**	5 st. steel spokes, polyurethane grip	350 mm/13.8"	90 mm/3.5"	Black
V89	**64754**	Capitain's wheel, 5 st. steel spokes	500 mm/19.6"	-	St. steel & mahogany



A

B

C

D

E

ULTRAFLEX

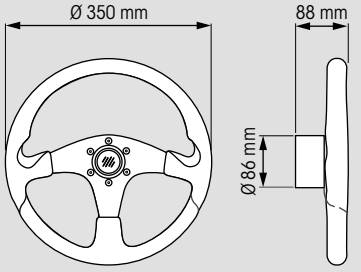
Accessory

• Hub Ø 85 mm
416683

Steering wheels

¾" bore. Steering wheel Ø : 350 mm/13.8".
Hub ref. 416683 is necessary as an extra accessory to mount these wheels (Except for the MOROSINI B/CH model). Meet with the EN 28848 & ABYC P22 standards.

	Model	Ref.	Description	Colour
A	**MOROSINI B/CH**	**64758**	Leather grip. Chromed hub included.	Black
B	**SANTORINI B/S**	**64755**	Polyurethane grip. Silver inserts and spokes.	Silver and black
C	**TAVOLARA B/S**	**64756**	Polyurethane grip and silver spokes.	
D	**BUDELLI CH/P**	**64757**	Polyurethane grip. Chromed inserts and polished spokes.	
E	**CORSICA BR/B**	**409825**	Mahogany imitation sheath & black spokes.	Mahogany & black

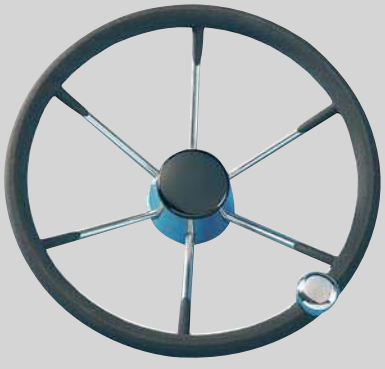


CORSICA - 409825

A B

Steering wheel knobs

	Description	Ref.	Height	Wheel rim
A	**Strap-type st. steel wheel knob, Ø 38 mm**	**56087**	40 mm	20 x 25 mm max.
B	**Strap-type st. steel wheel knob, Ø 44 mm**	**56088**	48 mm	20 x 25 mm max.



Båtsystem

Steering wheel with knob

70220

¾" bore. Steering wheel Ø : 340 mm,
Steering wheel with knob, made of stainless steel 316 and rubberized black grip.

Hydro-Stabiliser

Hydro-Stabiliser

Puts the boat on plane faster. It also allows the boat to stay on plane even at a lower speed, so that fuel consumption is decreased.
Designed to fit all outboard motors.

Description	Ref.
Until 50 HP	**27518**
Over 50 HP	**27519**

Rope cutters

Rope cutter

Easy to install, it cuts Nylon, Kevlar ropes as well as small diameter stainless steel cables (4 - 6 mm). Manufactured from high quality stainless steel, the rope cutter is highly resistant.

Ref.	Ø	Ext. Ø	Thickness
24708	25 mm	79 mm	18 mm
24709	25,40 mm / 1"	79 mm	18 mm
24711	30 mm	79 mm	18 mm
24714	35 mm	100 mm	18 mm
24716	40 mm	100 mm	18 mm
24718	45 mm	120 mm	18 mm
24719	50 mm	120 mm	18 mm
24720	50,80 mm / 2"	120 mm	18 mm

TwinFast rope cutter

The TwinFast rope cutter is split in two halves allowing quick and easy installation without removing the propeller.
It is equally easy to dismantle the rope cutter when removing the propeller or when space between the propeller, bracket and stern tube is limited for maintenance operation. TwinFast **contributes to safety** by instantly slicing through debris and all types of rope including Kevlar and Dyneema.
Cable : depending on engine capacity, TwinFast will cut through small diameter cable. However in that case
we recommend to replace the rope cutter, as the cable damages the serrated cutter and reduces the performance of the product.

316L stainless steel: easy to clean with a high-pressure washer.

TwinFast package features :
- Threadlocking fluid to prevent loosening of the fixing screws as a result of vibration.
- 2 half protective covers.
- Allen key.

Ref.	Ø	Ext. Ø	Thickness
476566	22 mm	80 mm	18 mm
476567	25 mm	80 mm	18 mm
476568	30 mm	80 mm	18 mm
56219	31,75 mm / 1-¼"	100 mm	17,5 mm
56222	35 mm	100 mm	17,5 mm
56224	40 mm	100 mm	17,5 mm
56226	45 mm	120 mm	17,5 mm
56227	50 mm	120 mm	17,5 mm

Fixed fuel tanks

CE

Meet 94/25/CE directive, as amended by directive 2003/44/CE.

Fuel tanks

Tanks in high density polyethylene.
Supplied with a polyamide multi-purpose plate.

Plate features :
- A 1" ½ fuel inlet (comes as standard with a vent cap).
- A pickup fitting for hose Ø 7-9 mm (¼" thread).
- A vent outlet for hose Ø 17-19 mm (⅜" thread)
- A flange for an electric or mechanical sending unit (available as option).
- An additional ¼" threaded hole for a diesel return or a second pickup fitting.

61191

Cap.	Ref.	Dimensions (L x W x H) mm	Options		
			Electric sending unit 10-180 Ohm	Electric sending unit 240-30 Ohm	Mechanical gauge
33 L	**27268**	500 x 350 x 230			
43 L	**27269**	650 x 350 x 230	***61999***	***62004***	***27272***
53 L	**27270**	800 x 350 x 230			
70 L	**61990**	800 x 400 x 280			
84 L	**61991**	950 x 400 x 280	***62001***	***62006***	***27271***
96 L	**61992**	1100 x 400 x 280			
42 L	**61987**	500 x 350 x 300			
55 L	**61988**	650 x 350 x 300	***62047***	***62048***	***62011***
70 L	**61989**	800 x 350 x 300			
102 L	**61993**	800 x 400 x 400			
120 L	**61994**	950 x 400 x 400	***62003***	***62008***	***428721***
140 L	**475343**	1100 x 400 x 400			

27268

With partition

476084

31474

Model	Capacity	Ref.	Dimensions (L x W x H)	Options		
				Electric sending unit 10-180 Ohm	Electric sending unit 240-30 Ohm	Mechanical gauge
Horizontal fuel tank with partition	**62 L**	**476084**	660 x 410 x 300 (+ 30 mm*)	***62047***	***62048***	-
Vertical fuel tanks	**62 L**	**31474**	660 x 300 x 410 (+ 30 mm*)	***62003***	***62008***	***428721***
	91 L	**31475**	910 x 300 x 410 (+ 30 mm*)	***62003***	***62008***	***428721***

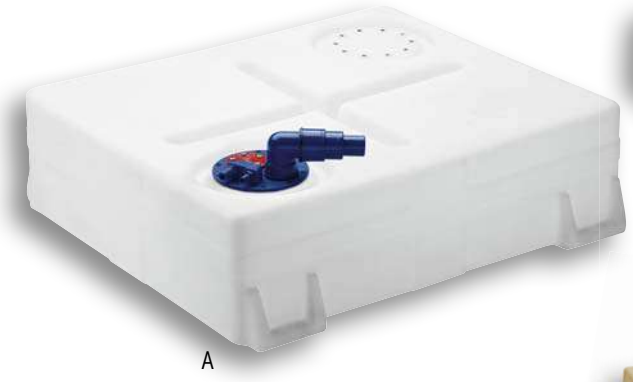
*Connectors height.

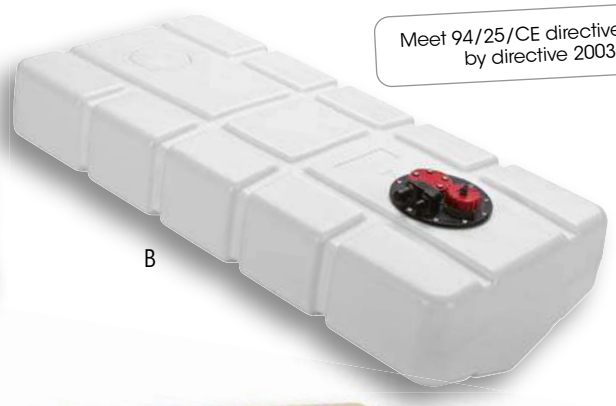
Options & Accessories

12 V electric gauge
*10-180 Ohm : **62009***
*240-30 Ohm : **62010***

Spare plate
36914

Meet 94/25/CE directive, as amended by directive 2003/44/CE.


A


B

D

C

V-type

Elbow fitting and a straight connector (included with ref 61995 and 61997, optionnal for 61996 and 61998, see p. 583).

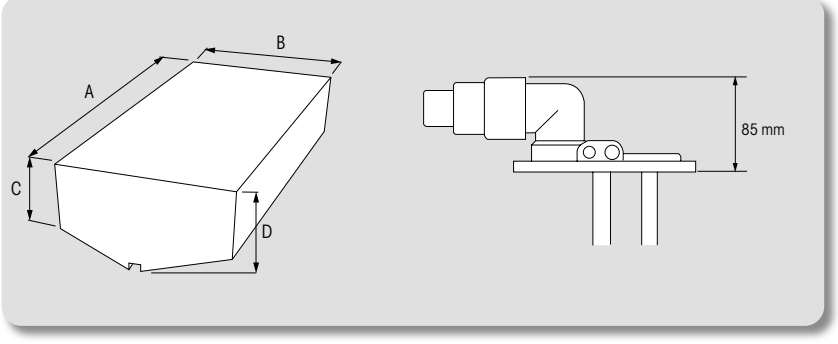
Plate

Special large tanks

Tanks made in high density polyethlene.
Feature a multi-purpose plate including :

- A 1½" fuel inlet with a 90° elbow fitting and a straight connector for hose Ø 38/50/60 mm for refs 61995 and 61997. (Optionnal for tanks 61996 and 61998).
- Two fittings for hose Ø 10 mm (¼" male threaded), metal for ref 61997, reinforced plastic for ref 61995, 61996 and 61998.
- A flange for an electric or mechanical sending unit (available as option).
- An additional ¼" threaded hole for a diesel return or a second pickup fitting.
- Two metal stoppers (¼" male threaded).

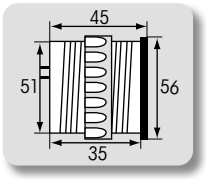
Model		Capacity	Ref.	A	B	C	D	Option : electric sending unit	
								10-180 Ohm	240-30 Ohm
Flat-bottom	A	**140 L**	**61995**	890 mm	820 mm	-	260 mm	***61999***	***62004***
V-type	B	**86 L**	**61996**	1070 mm	500 mm	150 mm	230 mm	***61999***	***62004***
	C	**190 L**	**61997**	1230 mm	570 mm	290 mm	330 mm	***62002***	***62007***
	D	**198 L**	**61998**	1100 mm	1000 mm	165 mm	262 mm	***62000***	***62005***



Option

12 V electric gauge
10-180 Ohm : ***62009***
240-30 Ohm : ***62010***

Accessories & spare parts



12 V electric gauges

Impedance	Ref.
10-180 Ohm	**62009**
240-30 Ohm	**62010**

Electric sending units

Impedance	10-180 Ohm	240-30 Ohm
185 mm	**62049**	**62050**
200 mm	**61999**	**62004**
250 mm	**62000**	**62005**
270 mm	**62001**	**62006**
280 mm	**62047**	**62048**
300 mm	**62002**	**62007**
390 mm	**62003**	**62008**

A

B

C

D

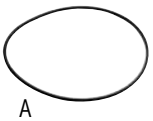
E

Fittings

	Description	Ref.	Thread Ø	Hose Ø
A	Set including a 90° inlet connector and a straight connector for hose Ø 38/50/60 mm.	**27280**	1½"	38/50/60 mm
B	Inlet elbow fitting, 360° swivelling.	**62013**	1½"	38 mm
C	90° fuel fill or return.	**27276**	Mâle ¼"	10 mm
D	Vent, 3/8" male.	**27278**	Mâle ⅜"	19 mm
E	Fuel fill or return.	**476080**	Mâle ¼"	10 mm

Mechanical gauges

Length	Ref.
220 mm	**27272**
270 mm	**27271**
290 mm	**62011**
400 mm	**428721**


A

B

C

Spare parts

	Description	Ref.
A	Plate gasket	**415378**
B	Vent cap	**36904**
C	Support plate Ø 175 mm	**36914**

Hold-down kit for tanks and rigid canisters

27871

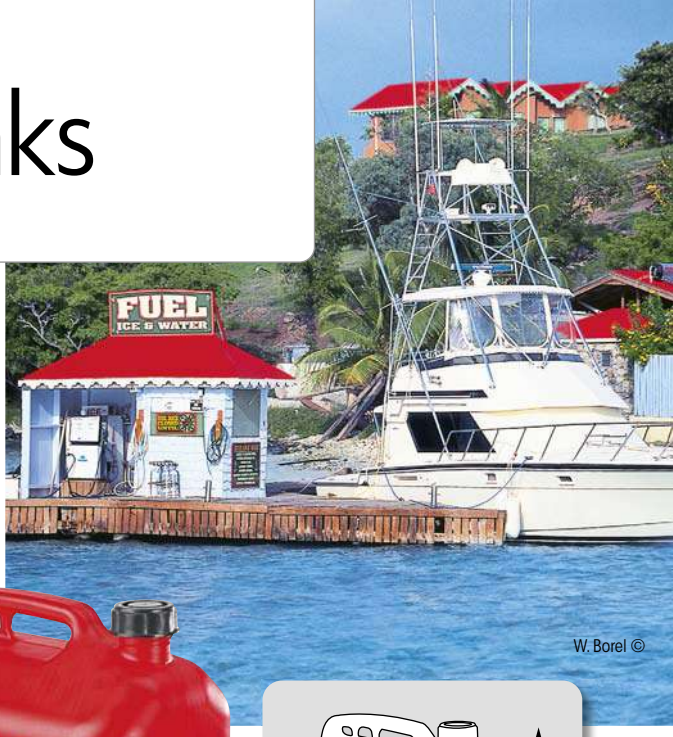
Helps securing tanks and rigid canisters (water or fuel tanks, battery boxes…).
Set includes :
- 2 polypropylene straps, L. 1,50 m, l. 40 mm.
- 2 locking clips.
- 4 polyamide hold-down clamps.

Hold-down kit for tanks and rigid canisters

476094

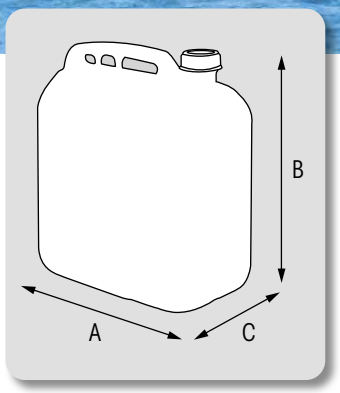
Helps securing tanks and rigid canisters (water or fuel tanks, battery boxes…).
Set includes :
- 4 polyamide screw-type brackets 110 x 65 x 65 mm(L x l x H).
- 2 webbing straps, L. 2,50 m adjustable, l. 25 mm. Strength 400 kg.

Portable fuel tanks



W. Borel ©

Fuel jerrycans



Jerrycans with spout

Manufactured in high density polyethylene.
Increased stability due to large base dimensions.
Supplied with spout.
The 5 and 10 L models are equipped with a flexible screw-on spout and a directly reading gauge.

A flexible spout to prevent leaks.

ADR approved (transportation of hazardous materials).

	Capacity	Ref.	A	B	C
A	**5 L**	**62014**	270 mm	250 mm	140 mm
B	**10 L**	**62015**	310 mm	280 mm	190 mm
C	**20 L**	**62016**	350 mm	380 mm	190 mm

Plastic fuel jerrycans

Capacity	Ref.	Dimensions (L x W x H)
5 L	**418505**	340 x 180 x 210 mm
10 L	**418506**	320 x 180 x 340 mm
20 L	**418507**	380 x 250 x 390 mm

Jerrycan/tank

27264

Manufactured in high density polyethylene.
Can be used as a tank and receive a primer bulb with tube for motor connection.
Easy-to-read tank level indication on the tank side.

Capacity : 22 litres.
Reserve fuel area : 2 litres.
Length : 330 mm.
Height : 405 mm.
Width : 240 mm.
Spare cap : ***11557***

Fuel dispenser tank on wheels

70219

Rdeal for safe, fast and convenient refueling of boat tanks. Its 140 mm diameter wheels and ergonomic handle facilitate transport. Its robust fuel dispenser allows clean and safe filling, with a flow rate of up to 8 l/min.
Deliver with a cap with vent, a double shut-off valve and a 3 m hose. UN approved, can be transported by car. Made of high density polyethylene (HDPE).

- Capacity 59 liters.
- Width : 390 mm.
- Length : 390 mm.
- Height: 900 mm.

Fuel tanks

Fuel tanks for horizontal or vertical use

CE

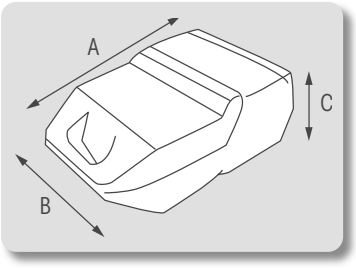
A B

Fuel tanks

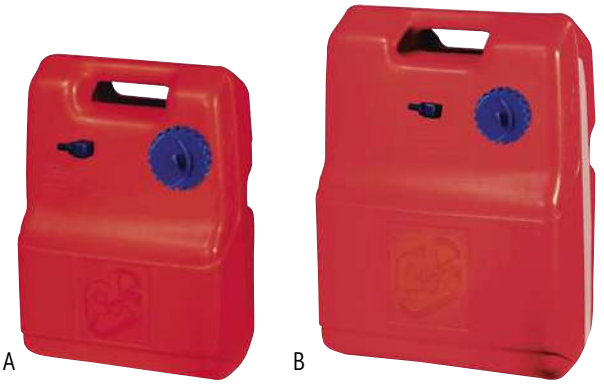
Made in polyethylene.
A partitioned bottom creates a reserve fuel compartment. When gauge registers empty, simply tilt the tank and the reserve fuel supply becomes available.
The 22-litre model features a direct visual level indication (when tank is standing upright).
Supplied with vent cap and outlet fitting.

	Total capacity	Reserve fuel compartment	Ref.	A	B	C	Level indication
A	**12 L**	1 L	**10630**	410 mm	260 mm	190 mm	-
B	**22 L***	2 L	**10631**	550 mm	330 mm	230 mm	✔

*Accepts the cap with built in mechanical direct visual gauge (ref. 11559).



CE



A B

Fuel tanks

Made in polyethylene.
The 22 and 29-litre models feature a direct visual level indication.
Supplied with vent cap and outlet fitting.

	Total capacity	Reserve fuel compartment	Ref.	A	B	C	Level indication
A	**12 L**	2 L	**44803**	400 mm	280 mm	170 mm	-
	24 L*	3 L	**44804**	460 mm	340 mm	230 mm	✔
B	**29 L***	3 L	**44805**	510 mm	365 mm	230 mm	✔

*Accepts the cap with built in mechanical direct sight gauge (ref. 11559).

Accessories

Cap with built-in gauge for fuel tanks
11559
Cap featuring a mechanical direct sight gauge.
A must-have accessory to know the level of fuel at all times.
Length : 210 mm.

Vente cap
11557

Funnels

A

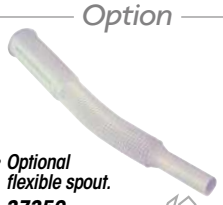
B

C

Funnels

	Model	Ref.	Description	With filter	Dimensions inside bowl
A	Anti-rolling funnel	**403795**	Plastic. Comes with 2 spouts.	✔	Ø 16 cm.
B	Anti-rolling funnel	**27480**	Translucent plastic.	✔	Ø 24 cm.
C	Funnel	**10751**	Polyethylene. Suitable for diesel or petrol.	✔	26 x 17 cm

Option



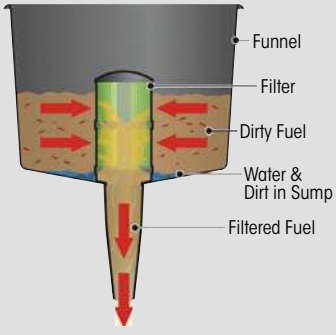
- ***Optional flexible spout.***

37350
Length 280 mm.
For funnel ref. 27480.

Funnel with separator filter

"Mr Funnel" built-in filter is designed to filter out water, dirt and debris from most fuels (including gasoline, diesel, heating oil and kerosene).
Black model is conductive and can be grounded.

Capacity	Ref.	Ø	Height
13 L/min	**61847**	14 cm	23 cm
19 L/min	**61891**	22 cm	25 cm



Filter features :

- Vertical : no pressure on the filter and long-lasting performance.
- Teflon coated : dirt does not adhere, maintenance is minimal and easy.

Anti-return valve

DESIGNED BY PLASTIMO

Clapet anti-retour for fuel tank vent

67232

EXCLUSIVE : suitable for Ø 25 and 38 mm fuel hose
(when all vents on the market are designed for Ø 16 mm hose).

- Material with specific flame-retardant treatment.
- Homologation : compliant with SAE J1527 standard, ISO 10088, ISO 7840 and USCG standards.

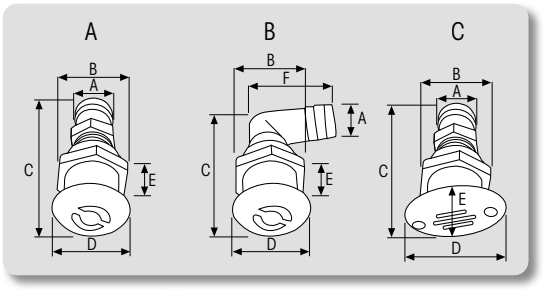
Anti-return valve device to mount on the hose according to the recommendations of above mentioned standards.

Designed to equip large fuel tanks that generate a large air flow : it provides efficient venting on large fuel tanks that can use a fuel nozzle delivering 100 to 120 L/min.

A ball inside acts as a float switch that closes the valve when fuel has reached the level required.

Designed by the Plastimo R & D team to meet the needs of boatbuilders : the Ø 25 mm anti-return valve is a simple and economical solution that eliminates the need to install several Ø 16 mm valves in parallel, with all the handling and costly fireproof accessories that it implies.

Fuel vents



A

B

C

Plastic vents

Model		Ref.	Description	A	Drill Ø	B	C	D	E	F	
Round	A	**62145**	White straight vent	16-19 mm	34 mm	41 mm	84 mm	43 mm	40 mm	-	5
	B	**62146**	White 90° elbow vent	16-19 mm	34 mm	41 mm	68 mm	43 mm	40 mm	59 mm	5
Oval	C	**62141**	White straight vent	16-19 mm	34 mm	41 mm	84 mm	63 x 43 mm	40 mm	-	5

Plastic vents, metal finish

A

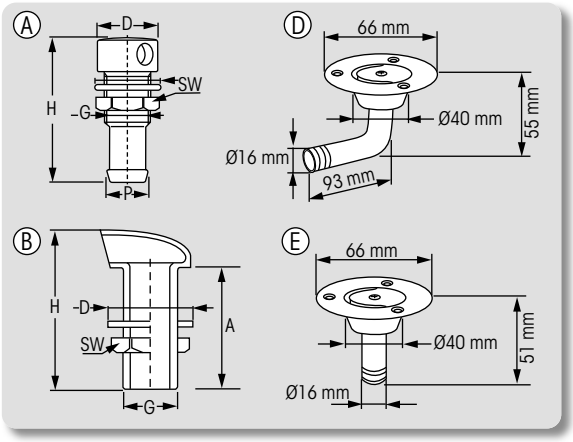
B

C

D

Model		Ref.	Description	A	Drill Ø	B	C	D	E	F	
Round	A	**62147**	Straight vent	16-19 mm	34 mm	41 mm	84 mm	43 mm	40 mm	-	5
	B	**62148**	90° elbow vent	16-19 mm	34 mm	41 mm	68 mm	43 mm	40 mm	59 mm	5
Oval	C	**62143**	Straight vent	16-19 mm	34 mm	41 mm	84 mm	63 x 43 mm	40 mm	-	5
	D	**62144**	90° elbow vent	16-19 mm	34 mm	41 mm	68 mm	63 x 43 mm	40 mm	59 mm	5

Metal vents



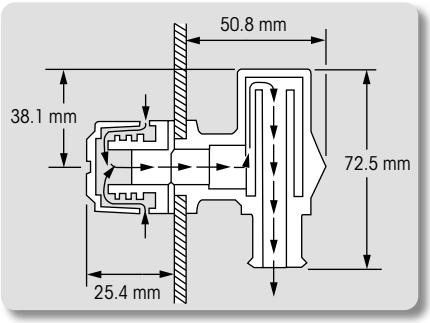
	Model	Ref.	Description	For Ø
Ⓐ	**Straight, chromed brass**	**49361**	D : 25 mm. H : 60 mm. SW : 23 mm. G : 19 mm. P : 16 mm. Weight : 85 g.	Hose Ø 16 mm
Ⓑ	**Straight, chromed brass**	**418853**	A : 65 mm. D : 33 mm. H : 83 mm. SW : 26 mm. G : ½". Weight : 160 g.	Connector ½"
		418854	A : 68 mm. D : 38 mm. H : 88 mm. SW : 32 mm. G : ¾". Weight : 230 g.	Connector ¾"
		418855	A : 75 mm. D : 48 mm. H : 98 mm. SW : 38 mm. G : 1". Weight : 375 g.	Connector 1"
Ⓒ	**Straight, chromed brass**	**419216**	**ISO 11105.** With flame-guard.	Hose Ø 16 mm
Ⓓ	**Elbow, st. steel AISI 316**	**419454**	With flame-guard. Flush flange.	Hose Ø 16 mm
Ⓔ	**Straight, st. steel AISI 316**	**419462**	With flame-guard. Flush flange.	Hose Ø 16 mm

P-trap fuel tank vent

attwood genuine ingenuity

421003

P-trap fuel tank vent, eliminates the need for an anti-siphon loop in the hose.
Black plastic body with stainless steel trim cover.
For hose Ø 16 mm.
Hull thickness : 14 mm max.
Drill diameter : 19 mm.



Chromed brass vents

- **Straight : 13911**
- **90° : 13912**

Includes monel filter.
For hose Ø 16 mm.
Hull thickness 13 mm max.

St. steel clamshell vent

Material	Ref.	Dimensions (L x l x H)	
Inox 304	**13927**	41 x 38 x 11 mm	10
	13928	54 x 54 x 15 mm	5
Inox 316	**421895**	60 x 60 x 13 mm	2

Plastic clamshell vent

31519

White clamshell vent.
Dimensions (L x W x H) : 55 x 50 x 12 mm.

Oil change

Electric pumps

Oil change / winterizing system

12 V motor includes thermal overload protection.
Self-priming.
- 2.4 m electric cable and battery clips.
- Reversible contactor.
- Hose kit.
- 13 L storage container.

Voltage	Ref.	Flow rate
12 V	**471865**	5.6 L/min*

* variable output according to oil temperature (between 60 and 70°C).

Drill oil pump

471866

Oil change and liquid transfer pump, **self-priming**.
12 V motor includes thermal overload protection.
- Flow rate 757 L/hour.
- 1/4" - 6 mm Ø drill shaft.
- Rising main on inlet.
- 2.40 m hose.
- Outlets Ø 19 mm.

Manual pumps

Sump pump

37212

Hand sump pump manufactured from brass with rubber gaskets and hose.
Inlet tubes Ø 6-9-12 mm.
Cylinder length : 228 mm.

Syphon pump

403796

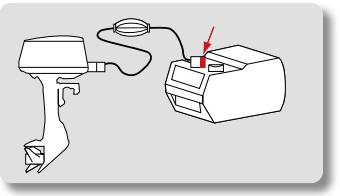
Suitable for transferring liquids such as oil, diesel, petrol and water.
Length 120 cm.

Fuel line connectors

Nitrile gasket : vulcanised rubber, standard quality.
Viton gasket : vulcanised rubber, superior quality.

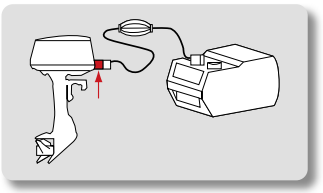
Tank connectors

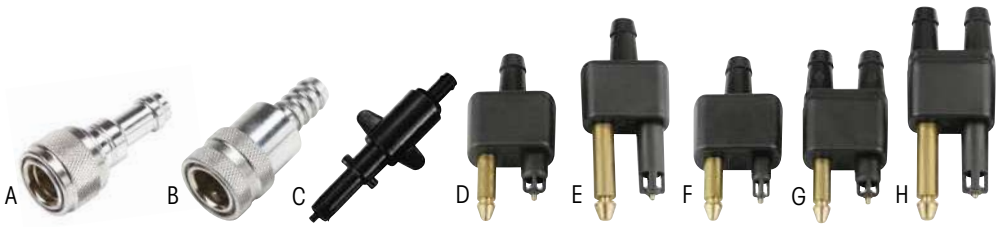
	For engine	Type	Nitrile	Viton
A	**JOHNSON EVINRUDE (OMC)**	Male	-	**31442**
B	**YAMAHA**	Male	-	**31443**
C	**MERCURY MARINER**	Male	-	**31441**
D		Female	**39304**	-
E	**SUZUKI CHRYSLER FORCE**	Male	-	**39306**
F	**HONDA SUZUKI TOHATSU NISSAN**	Male	-	**39307**

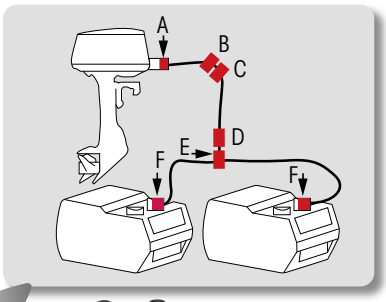


Engine connectors

	For engine	Type	Viton
A	**JOHNSON EVINRUDE (OMC)**	Male	**39294**
B	**TOHATSU NISSAN**	Male	**39309**
C	**YAMAHA MERCURY MARINER**	Male	**39297**







Hose connectors

For engine	Type	Nitrile	Viton	Where on diagram
SUZUKI, CHRYSLER FORCE	Female, for hose on engine and tank side	-	A **39305**	A-F
TOHATSU NISSAN	Female, for hose on engine side	-	B **39308**	A
HONDA	Female for hose on engine side	-	R **39310**	A
JOHNSON EVINRUDE (OMC)	Female, for hose on engine and tank side	J **39295**	K **39296**	A-F-D-C
	Male, for loose hose	-	F **31440**	B
	2-way male, for loose hose	-	I **31446**	E
MERCURY MARINER	Female, for hose on engine side	N **39300**	-	A
	Female, for hose on engine side (old model)	Q **39303**	-	A-B
	Female, for hose on engine and tank side	L **39298**	M **39299**	A-F-D-C
	Female, for hose on tank side	O **39301**	P **39302**	F-D-C
	Male, for loose hose	-	E **31439**	B
	2-way male, for loose hose	-	H **31445**	E
	Male, for hose on tank side	C **17564**	-	F-C
YAMAHA	Female, for hose on engine and tank side	L **39298**	M **39299**	A-F-D-C
	Male connector for loose hose	-	D **31438**	B
	2-way male, for loose hose	-	G **31444**	E

Fuel connectors

Model		Ref.
1/4" threaded connector for hose int. Ø 8 mm. (int. passage hole Ø 5 mm).	A	**408013**
1/4" threaded connector for hose 3/8" (int. passage hole Ø 7 mm).	B	**403710**
Reducing elbow connector for 1/4 x 1/8 US tank.	C	**404196**

A

B

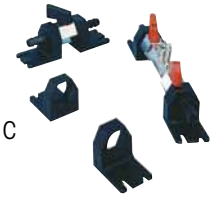
C

Fuel valves

Description		Ref.
2-way fuel valve for hose Ø 10 mm. For OMC - JOHNSON - EVINRUDE.	A	**43707**
2-way fuel valve for hose Ø 10 mm. For YAMAHA - MARINER - MERCURY - HONDA.	A	**43708**
Shut-off fuel valve for hose Ø 8 mm.	B	**44631**
Polyamide valve holding brackets (pair).	C	**45186**

A

B


C

Hose & primer bulbs

Hose and primer bulb

Material		Ref.	Hose length	Bulb model	Filter included	Terminals included	Description
PVC	A	**31958**	2 m	ref. 31957	-	-	-
Rubber	B	**45387**	2 m	ref. 31957	-	-	-
		45388	3 m	ref. 31957	✔	-	-
Rubber	C	**415830**	2.5 m	ref. 424329	-	✔	For Yamaha Mariner 5/55 CV and Mercury 8/9.9 CV
		424332	2.5 m	ref. 424329	-	-	For Yamaha Mariner 5/55 CV and Mercury 8/9.9 CV

409995 *: Stainless steel collar Ø 11 mm for fuel hose, removable tanks only (ISO10088 standard).*

A B C

A

B

Primer bulb

	Ref.	Ø	Length	Hose Ø
A	**31957**	45 mm	150 mm	8 mm
B	**424329**	48 mm	190 mm	9.5 mm

Fuel hose – internal use

Hose for internal (engine compartment) or external use (fire resistant) to ISO 7840 standard.

Models	Ref.	Int. Ø mm	Ext. Ø mm	Max pressure	Length
CARBO supply	**411158**	6 mm	16 mm	10 bar	10 m
	411162	16 mm	26 mm		

Fuel hose for outboard motor intake

50 m length.

Construction	Ref.	Int. Ø	Ext. Ø
Polyurethane	**37338**	7 mm	12 mm
PVC	**37339**	7 mm	13 mm
Polyurethane	**39311**	10 mm	16 mm

Fuel Filters

Separator filters

Water and solid contaminants accumulating in the tank often generate failure in your engine fuel pump and injection system.

The function of the filter is to :

- Provide efficient **separation** : water is denser than fuel and flows downward into the filter.
- **Filtrate** contaminants : the solid contaminants are filtered completely through the filter element, preventing any ingression.

	Model (max. capacity / filtration)	For motor	Ref.	Features	Dimensions (H x Ø)	Weight
A	50 L/h - 10 µ	< 200 HP / < 2500 cm³. Diesel or petrol, Inboard or Outboard.	**46552**	Aluminium head and cartridge. Transparent plastic receiver bowl. Includes a draining plug.	180 x 100 mm	590 g
B	80 L/h - 10 µ	< 300 HP / < 3500 cm³. Diesel or petrol, Inboard or Outboard.	**46554**	Aluminium head and cartridge. Includes a draining plug.	210 x 100 mm	670 g
C	50 L/h - 400 µ	< 300 HP / < 3500 cm³. Diesel or petrol, Inboard or Outboard.	**46556**	Aluminium head. Plastic filter and transparent receiver bowl.	116 x 74 mm	135 g

Accessories

Galvanised steel connectors for hose Ø 8 mm

- *Straight connectors for filters 46552 & 46554 :* ***46561***
- *90° elbow connectors for filter 46556 :* ***46558*** (2)

Spare parts

- *Replacement cartridge for 46554* ***: 46555***

Diesel filters

Polyamid.

	Thread	For engine	Ref.	For hose internal Ø	Length	Weight
A	250 µ	< 2000 cm³	**418850**	6 mm	105 x 35 mm	14 g
B	365 µ	< 3500 cm³	**49096**	6-8 mm	125 x 40 mm	30 g
C	660 µ	> 3500 cm³	**49097**	7-10 mm	200 x 50 mm	54 g

Petrol filters

Polyamid.

	Filtration	Max. motor recommended	Ref.	For hose internal Ø	Dimensions (L x max Ø)	Weight
A	130 µ	< 2000 cm³	**49094**	6-8 mm	99 x 36 mm	20 g
B	130 µ	< 3500 cm³	**49095**	6-8 mm	127 x 55 mm	45 g

PETROL Spin-On filter

Spin-series is specially designed
for outboard motors and gasoline In-board.
The filter element is screwed directly on the head.

A

B

C

D

	Ref.	Engine power	Flow	Height	Width	Thickn.	Weight	*Replacement*
A	**410866**	< 40 HP	95 L/h	109 mm	53 mm	57 mm	0.14 kg	***410871*** *Filter S2502 (10 µ)*
B	**416681**	40 to 75 HP	114 L/h	166 mm	81 mm	81 mm	0.5 kg	***416682*** *Filter S3240 (10 µ)*
C	**410867**	75 to 150 HP	227 L/h	222 mm	102 mm	102 mm	0.9 kg	***410872*** *Filter S3227 (10 µ)*
D	**410869**	> 150 HP	341 L/h	264 mm	114 mm	109 mm	1.4 kg	***410874*** *Filter S3232 (10 µ)*

DIESEL Spin-On filter

Filters diesel engines,
small and middle.

A

B

C

	Ref.	Flow	Height	Width	Thickn.	Weight	*Replacement*
A	**410876**	57 L/h	145 mm	81 mm	81 mm	0.59 kg	***410880*** *Filter R12P (30 µ)*
B	**410877**	114L/h	229 mm	102 mm	102 mm	0.80 kg	***410883*** *Filter R20P (30 µ)*
C	**415521**	114 L/h	229 mm	102 mm	102 mm	0.80 kg	***410883*** *Filter R20P (30 µ)*
C	**410932**	170L/h	267 mm	102 mm	102 mm	1.00 kg	***410919*** *Filter R25P (30 µ)*

Accessories and spare parts for Racor filters

Description	*Ref.*	*Product type*
90° elbow connector - nipple type - flexible 8 mm	***410886***	*Connectors for Petrol and Diesel Spin-On series.*
90° elbow connector - nipple type - flexible 10 mm	***410887***	
Straight connector - nipple type - flexible 8 mm	***410933***	
Straight connector - nipple type - flexible 10 mm	***410890***	
Straight connector - nipple type - flexible 8 mm	***410891***	*Connectors for Spin On petrol filter 660 RACO.*
Straight connector - nipple type - flexible 10 mm	***410892***	
Straight connector - nipple type - flexible 12 mm	***410893***	

Description	*Ref.*	*Specs.*
Spin-On Diesel replacement filter elements	***410880***	*30 Microns*
	410883	
	410919	
Bowl take-down key (suitable for all models on this page)	***417643***	-

Replacement filter elements

Only filters with MA termination (marine)
can receive heat deflector shields.

Description	Type	Ref.
02 microns	Type 2010	**410782**
	Type 2020	**410794**
10 microns	Type 2010	**410788**
	Type 2040	**410792**
	Type 2020	**410795**
30 microns	Type 2010	**410790**
	Type 2040	**410793**

Be careful the choice of your filter should not depend only on the fuel consumption. Number of diesel engines have a significant return to diesel tank. You should rely on the maximum flow pump diesel.
All filters are supplied without a connector.

Marine lubricants

Titan Marine TC-W3 Lubricant for 2-stroke outboard petrol engines

High standard semi-synthetic, specifically designed to lubricate 2-stroke and jet ski engines. Reduces harmful deposits, ring-sticking, provides effective protection from friction and wear and good resistanceto corrosion and rust.
Titan Marine TC-W3 features :

- Exceptional cleanliness of internal engine.
- Protection against sticking piston rings.
- Low viscosity ensures a stable homogeneous mix.
- Excellent stability in unleaded petrols.
- Red colour designed to show up in fuel mixes.

Meets the NMMA-TC-W3 specification.

Ref.	Volume
40258	1 L
53269	2 L
40259	5 L

Labelling in : GB, F, D, NL.

Titan Marine MC 10W-40 Lubricant for 4-stroke, petrol and diesel engines

Semi-synthetic lubricant with MC* base, specifically designed for pleasure boating. Suitable for high performance marine engines.
* MC : Molecularly Converted. High pressure hydrogenated base.
Titan Marine MC 10W-40 features :

- Optimum engine clealiness.
- Superior protection against wear.
- Good stability to high temperature oil pressure.
- Full compatibility with other similar oils.
- Adaptability to catalytic converters.

Meets the API SJ/SL/CH-4/ CI-4 specifications

Ref.	Volume
53046	2 L
53047	5 L
53048	60 L
68763	205 L

Labelling in : F, GB, D, NL.

Titan Marine 15W-40 Lubricant for 4-stroke inboard and outboard engines, petrol and diesel

Multigrade oil for use all year round in all petrol and diesel 4-stroke engines (including turbo-charged engines such as engines used on rescue boats, emergency power generating sets, fishing trawlers or professional fishing vessels). Protects against corrosion, friction and wear and keeps the internal engine clean.
Titan Marine 15W-40 features :

- High detergent properties for internal engine cleanliness.
- Excellent dispersancy.
- Exceptional thermal stability.
- Good resistance to corrosion and rust.
- Efficient against bore polishing.

Meets the API SG/CF-4, CCMC PD2/D4/G4 specification. Viscosity SAE 15W-40.

Ref.	Volume
40262	2 L
40263	5 L
40265	60 L

Labelling in : F, GB, D, NL.

Titan Marine FC-W SAE 10W-30 Lubricant for 4-stroke petrol engines

Super high performance engine lubricant for 4-stroke petrol engines. Particularly recommended for outboard engines requiring NMMA FR-W standard.

- Excellent engine cleanliness and protection over the whole engine lifetime.
- Excellent resistance to corrosion in damp environment, protects the internal engine against damage caused by humidity.
- Very good shear resistance ensuring very high oil film resistance.
- Good resistance to rust.
- Efficient against bore polishing.

Meets the NMMA FR-W specifications and complies with most engine manufacturers' standards.

Ref.	Volume
67776	1 L
67092	5 L

Labelling in : F, GB, D, NL.

Lubrication and performance

Gear lubricant Titan Marine

Extreme pressure lubricant, viscosity 80W90, designed for outboard gear and Z-Drive transmission systems.
- Anti-corrosion additives protect the mechanical transmission gear.
- Marine growth repellent.

Meets specifications API GL5, MIL-L-2105 D.
Labelling in GB, F, D, NL.

Ref.	Description	Volume
46413	Marine Gear MP	0.250 L
68764	Super Gear SAE	1 L
68765	Gear Hyp SAE 90	60 L

Lubrification system for steering cable Cable Buddy

Isolates the steering cable from moisture and delivers Max-Lube oil to the cable for safer and easier steering. Lubricates the cable inside the sheath where hidden corrosion develops. Easy to install, Max Lube is the ideal lubricant thanks to its good sealing properties and protection against corrosion in extreme conditions. Remains viscous down to - 40 °C and prevents freezing.
Optional: 22 x 14 Lube II nut to lubricate the steering rod.

Ref.	Description
1010420	Cable Buddy with nut 22 x 14 and 90 ml bottle of Max-Lube
1010422	90 ml refill bottle of Max-Lube
1010425	Lube II, nut 22 x 14 to lubricate the steering rod

Renolit FEP 2 grease

46416

400 g tube.
NLGI 2 grade.
Extreme pressure, multi-purpose grease, recommended for standard temperature and load conditions.
- Good mechanical stability.
- Easy to pump, even at low temperature.
- Good protection against corrosion.
- Excellent stability.

Labelling in GB, F, D, NL.

Multi-purpose Renolit grease

46415

250 g tube.
NLGI 2 grade.
White marine grease particularly designed for greasing engines and marine accessories.
- Excellent protection against corrosion.
- Good mechanical stability.
- Easy to pump.

Labelling in GB, F, D, NL.

Hydraulic control : Titan ATF 4000 fluid

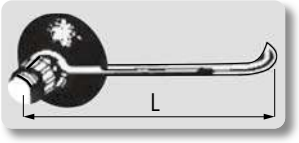
46414

1 litre bottle.
Specially fortified lubricant for hydraulic steering, trim and inverters which require a Dexron-type fluid.
- Good stability to corrosion.
- Withstands heavy loads and protects from wear.
- Marine growth repellent.

Homologated MB p.236.1, General Motors Dexron III, Ford Mercon M2C 185A, GM Allison C4, ZF TE-ML 03/11/14.
Labelling in F, NL.

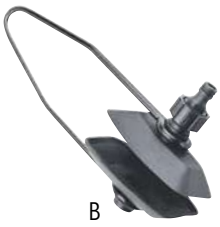
Outboard motor flushers

Engine attachment for flushing outboards with clean, fresh water.
Supplied with flushing connector



	Engine attachments	Length L	Ref.	For hose Ø	Terminal
A	Round	240 mm	**10750**	16 mm	Straight, with nut.
	Round	260 mm	**417427**	16 mm	Straight, with nut.
B	Rectangular	230 mm	**51497**	16 mm	Straight, with nut.

A


B

A

B

Oil measurers

	Description	Ref.
A	Graduated plastic oil measurer with cap. Height 30 cm.	**17616**
B	Small plastic oil measurer. Height 12 cm, Ø 5.8 cm.	**26897**

Cooling liquid

Based on monoethylene glycol and ready to use. Provides excellent corrosion protection for cooling systems and is neutral to polymer seals and hoses. Protection down to -25 °C.
Colour: blue-green.

Ref.	Volume
68766	1 L
68767	5 L

Exhaust systems

A

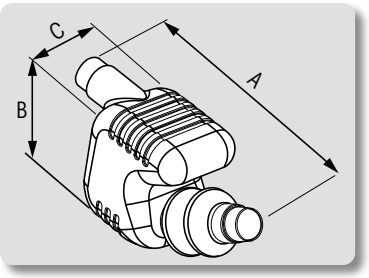
B

C

Waterlock

Enables to collect seawater present in the hose and reduces the noise in the exhaust system.

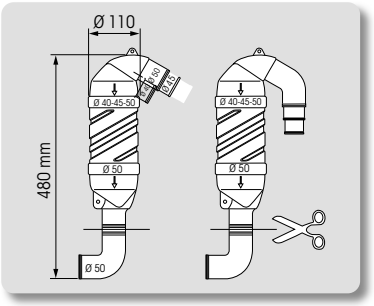
	Capacity	Ref.	For hose int. Ø	Dimensions A x B x C	Weight
A	**7 L**	**46571**	40.5/45.5/50.5 mm	485 x 220 x 150 mm	1.2 kg
B	**20 L**	**48917**	55/60/65 mm	660 x 320 x 220 mm	2.8 kg
C	**33 L**	**48918**	75/90 mm	760 x 400 x 290 mm	4.2 kg
	33 L	**473876**	100/115 mm	760 x 400 x 290 mm	4.2 kg



Gooseneck

- Polyethylene.
- Prevents water from entering into hose and engine through the exhaust circuit.
- For exhaust hose with internal Ø 40, 45 and 50 mm.

	Model	Ref.	Hose Ø
A	45° gooseneck outlets	**473872**	Ø 40/45/50 mm
B	90° gooseneck outlets	**46572**	Ø 40/45/50 mm



Exhaust hose

Marine wet exhaust, SAE J 2006 compliant

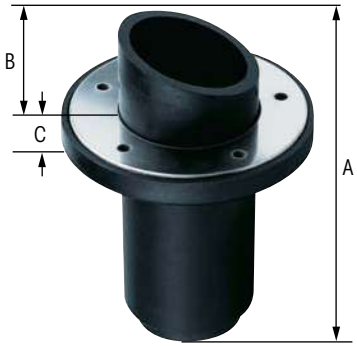
- Light and flexible.
- Smooth internal rubber hose against back pressure.
- Operating temperature : -30° to +80° C.
- Length : 5 m.

	Int. Ø				
Ref.	Ext. Ø	mm	Inches	Weight/m	Bend radius
46574	44 mm	40	1 9/16"	0.7 kg	80 mm
46575	49 mm	45	1 ¾"	0.8 kg	90 mm
46576	55 mm	50	2"	1 kg	100 mm
48922	64 mm	60	2 3/8"	1.2 kg	120 mm
48923	80 mm	76	3"	1.6 kg	150 mm

Flat clamp for exhaust hose

- 316 stainless steel.
- 12 mm band.

Hose Ø	Ref.	Suitable for hose
44-56 mm	**35838**	46574, 46575, 46576
58-75 mm	**35840**	48922
68-85 mm	**35841**	48923



Transom exhaust connection

Easy transom mounting.
Rubber with stainless steel flange for screw-fixing.

Ref.	Hose internal Ø	Int. Ø	Ext. Ø	A	B	C
48919	50 mm	39 mm	52 mm	119 mm	30 mm	12 mm
48920	60/75 mm	50/62 mm	60/73 mm	123 mm	32 mm	10 mm

Fixed with 4 screws

316 st. steel straight exhaust outlet

Ref.	Useful Ø	Ext. Ø (flange)	Height
473904	38 mm (1"½)	83 mm	116 mm
473905	48 mm (1"⅞)	92 mm	143 mm
473906	63 mm (2")	105 mm	143 mm

Exhaust outlet valve

Supplied with tightening clamp.

Ref.	Ø
412757	75 mm
408164	100 mm

Filters

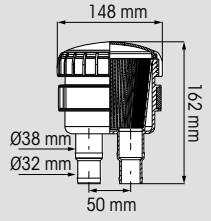
66121

66122

Water filters

Water filters for engine cooling.

Ref.	For hose
66121	Ø 19-25 mm / 3/4" – 1"
66122	Ø 32-38 mm / 1" ¼ – 1" ½



Illustrated model 66122.
Same dimensions for 66121 and 66123.
Only hose diameter is different.

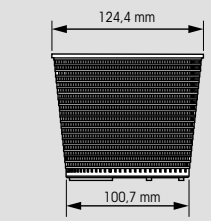
66123

66124

Air filter

Active carbon filter for ventilation.

Ref.	Description
66123	Air filter for hose Ø 19-25 mm / 3/4" – 1"
66124	Spare active carbon cartridge



Wallcarpeting

Wallcarpeting

Manufactured in PVC. Closed-cell foam coating provides efficient soundproofing and heat/cold insulation.
Fireproof : meets the ISO 3795 standard.
We recommend the use of a water-based glue.
Width : 140 cm. Thickness : 2.7 mm.
Available in 2 versions : smooth or embossed.
Supplied in 25 m reels.

	Ref.	Colour	Version
A	**37905**	White	Smooth
	37906	Off-white	Smooth
B	**37908**	Egg shell	Embossed

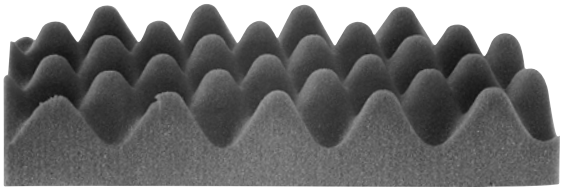
Acoustic insulation

Foam

Standard compliant

Flammability : FMVSS302 (burns with difficulty : flame propagation inferior to 100 mm/min.)
Compression deflection : DIN 53577
Elongation at break : DIN 53571
Compression set : DIN 53572

Description	Ref.	Density	Thickness	Sheet dimensions
Foam + foil facing.	**13490**	120 kg/m³	20 mm	1 m x 0.50 m
Adhesive foam + foil facing.	**13491**			
Foam + foil facing.	**13492**	120 kg/m³	30 mm	1 m x 0.50 m
Adhesive foam + foil facing.	**35644**	100 kg/m³	40 mm	1 m x 0.50 m
Foam + foil facing.	**35638**	100 kg/m³	50 mm	1 m x 0.50 m
Adhesive foam + foil facing.	**35645**			



M4 convoluted foam

Flexible and fireproofed foam made from convoluted polyester, specially designed for acoustic use.
Good absorption properties for air-diffused mechanical sounds.
Fire classification : M4.
Net density : 27/29 kg/m³ ± 10%.
Resistance to compression : 40%.
Colour : charcoal grey.
Temperature resistance : 40°C/+120°C.
Resistant to hydrocarbonates.

Size (L x W x Th.)	Ref.
200 x 100 x 3 cm	**413576**
200 x 100 x 5 cm	**413578**
200 x 100 x 6 cm	**413579**
70 x 50 x 5 cm Set of 4 convoluted panels	**400525**

M4 foam

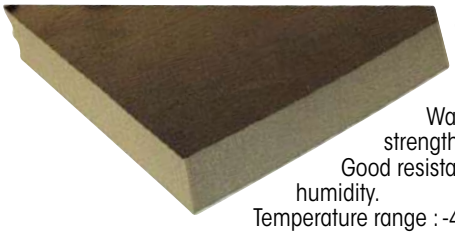
Fire resistant.

20 mm built-in PU foam - M4

473738

Built-in multi-component insulation foam with visco-elastic barrier and PU protection film.
Good absorption of bass and medium sounds.
Excellent temperature resistance, good resistance to oils and humidity.
Washable, complies with UL94 HBF standard.

Made from :
- PU film.
- Black PU foam, 20 mm thick.
- Density : 26 kg/m^3.
- Adhesive side.
- Resistance to compression : 40%.
- Fire resistance : M4.
- Panel size : 150 x 100 x 2 cm.



50 mm built-in PU foam - M4

402944

Built-in soundproofing foam.
Washable. Very good mechanical strength.
Good resistance to hydrocarbons and humidity.
Temperature range : -40°C to +120°.

Made from :
- Polyurethane protection film (25 µ).
- 45 mm absorbent foam - 30 kg/m^3.
- PVC mass 5 kg/m^2.
- 5 mm bond foam - 30 kg/m^3.
- Fire resistance : M4.
- Panel size : 200 x 140 x 5 cm.

ISO 4589-3

Composition :
- Polyurethane film (25 µ) with density of 120 kg/m^3. 100% sealed, washable and resistant to hydrocarbons and solvents.
- Absorbing polyurethane foam with density of 120 kg/m^3 operating at low frequencies. The ground panel model allows to stop low frequencies.

Agglomerated foam

Efficient acoustic insulation working at a wide range of frequencies extending from 125 Hz to 4000 Hz.
200 cm x 140 cm panel.

Self-extinguishing type fire approval. Meets ISO4589 European-3 standard.

Model	Ref.	Thickness	Weight
Without ground. Panel with self-adhesive backing.	**475898**	25 mm	3.2 kg/m
Without ground. Use with 2-layer glue (Neoprene).	**475900**	40 mm	5 kg/m
With ground. Panel with self-adhesive backing.	**475899**	40 mm	9 kg/m

Bilge ventilation

Classic electric blower

ISO 8846 : Ignition protected motor
ISO 9097 : Electrical fan

CE

Hints to select the right bilge blower

Bulkhead-mount : the ideal option if installation is complex and connectors are numerous.

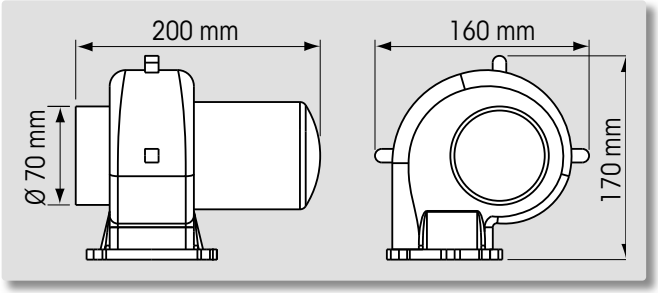
In line : the simplest and the most economic option, ideal in plain configurations without multiple elbows and connectors. Will usually have a longer lifetime than other models, with a reduced power consumption.

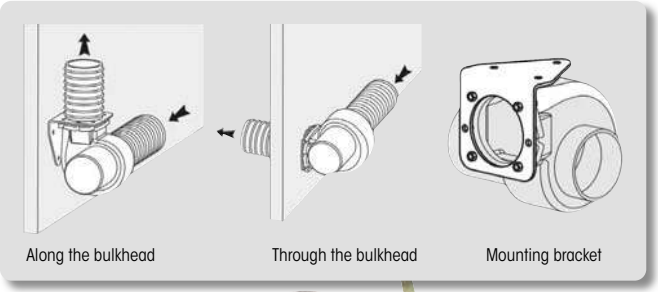
PLASTIMO

Selected by boatbuilders for its sturdy construction and durability.

- Suitable for use in the engine compartment, cabins and damp closets or areas.
- In the engine compartment : it is essential to start the blower 5 minutes before starting the engine.
- Its compact design allows installation in different positions and in space restricted areas. Can be mounted along or through a bulkhead, horizontally or vertically. An optional mounting bracket adapts the blower to all mounting possibilities.
- Sturdy polyamide housing for good shock resistance.

Power	Ref.	Output	Consumption
12 V	**16274**	150 m³/h	4 Amp
24 V	**16275**	150 m³/h	2 Amp





Accessories

- ***Flanged adaptor : 16276***
  Ø 70 mm
  125 x 125 mm

- ***Hose : 16277***
  Ø int. : 70 mm.

- ***Gasket : 17642***

- ***Mounting bracket : 57287***

See Ø 70 mm louvred vent p. 605 and 607.

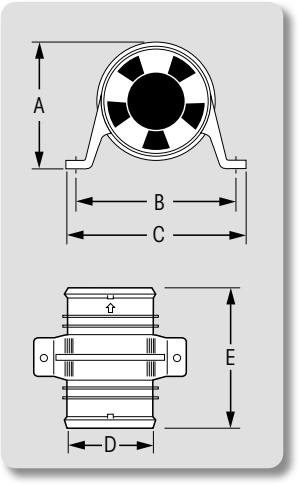
In-line bilge blowers

Turbo 3000

In-line bilge blower, continuous duty

Attwood blower, provides ventilation for engine compartment, bilge and marine head closets.
Features a 5-blade fan generating optimum exhaust capacity.
ABS housing dampens sound and vibration and is corrosion-proof.
Built-in mounting feet allow horizontal or vertical installation.
Meets ISO 9097 specifications.

Turbo 4000



Model	Power	Ref.	Version	Open flow	Max. fuse amp.	Consumption	A	B	C	D	E
Turbo 3000	12 V	**26949**	Standard	4 m³/min.	4 Amp.	2.6 Amp.	92 mm	114 mm	128 mm	76 mm	128 mm
Turbo 4000	12 V	**26950**	Standard	6 m³/min.	5 Amp.	2.5 Amp.	115 mm	140 mm	154 mm	102 mm	128 mm
Turbo 4000	24 V	**426336**	Watertight	6 m³/min.	3 Amp.	1.5 Amp.	115 mm	140 mm	154 mm	102 mm	128 mm

YellowTail in-line blower, continuous duty

High performance and efficiency thanks to six blades.
Easy installation with extended barbs and slotted mounting bracket.
Meets ISO 9097 specifications.

Ref.	Diameter	Power	Output	Amp.	Dimensions
475871	75 mm/3"	12 V	3.4 m³/min	3.8 Amp.	130 x 140 x 96 mm
475872	100 mm/4"	12 V	6.2 m³/min	5.5 Amp.	130 x 162 x 122 mm

Ventilation system

EZ Air

The EZ Air ventilation system was developed by our Plastimo R & D team in collaboration with the most prestigious European boatbuilders. The EZ Air unit completes the EZ Water and EZ Elec range with a new ventilation system for engine compartments.

Using the same clever EZ mounting system with many innovative features: a compact system for easier installation and space saving solution compared to standard ventilation systems.

No more goosenecks, the EZ Air system replaces the typical bulky installation for increased safety. The compartments remain watertight even in the event of capsizing.

DESIGNED BY PLASTIMO Patented

EZ Air compact venting system

67800

Can be mounted as required with a straight or elbow connector in combination with the various EZ Air options available.

Features :
- Leak-proof with the non-return valve.
- Increased fresh air supply for the engine while limiting pressure drops.
- Compact, reduces the size of the installation.

Benefits for boat-builders:
- Easier fan positioning.
- Simplified cockpit architecture.
- Space saving through lower downstream height.
- Limited impact on ISO stability criteria.
- Faster implementation with productivity gain on the assembly line.

Application areas:
- Engine and fuel tank compartments.
- Compartments requiring a condensation prevention system.

Conformity :
- ISO12216: Deck panel sealing in Zone 1 (§4.4.1).
- IMCI (International Marine Certification Institute).

Water applications page 474 and electrical applications page 509.

EZ Elec

EZ Water

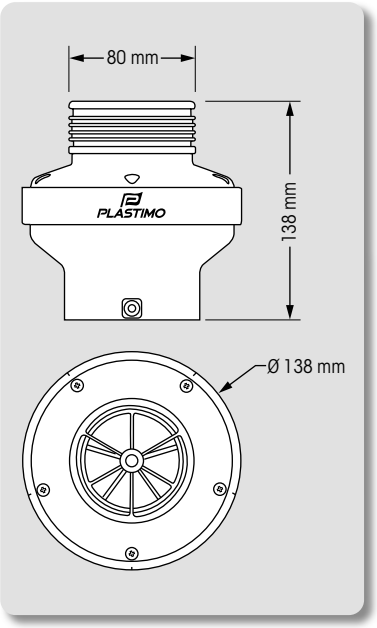
30TH DAME NOMINATED 2021

Ø 80 mm outlet compatible with ventilation ducting hoses.
Compatible with external helical braid hose (ref 67912) and collars.

Wave, splash and immersion proof valve. Complies with ISO12216 standard specifications: deck panel sealing (Zone 1 = 35 KPa). ISO.
Seal: maximum operating temperature = 100°C

Attachment:
- Through bulkhead with elbow sleeve (ref 67910). Bulkhead thickness 25 mm max.
- On box with the straight sleeve (ref 67307).

Mounting:
The system must be mounted vertically (+ or - 10°).

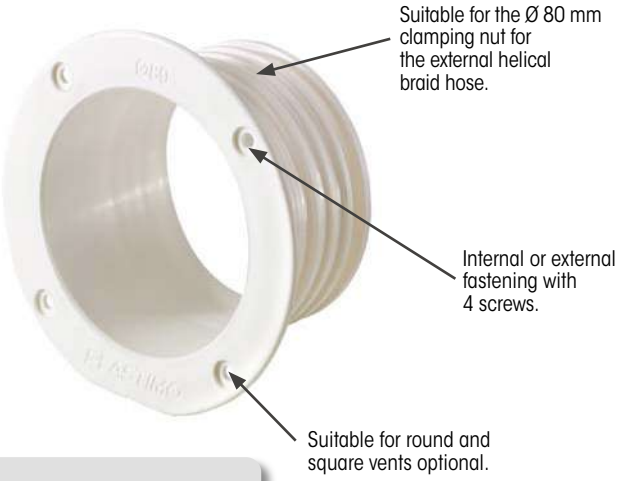


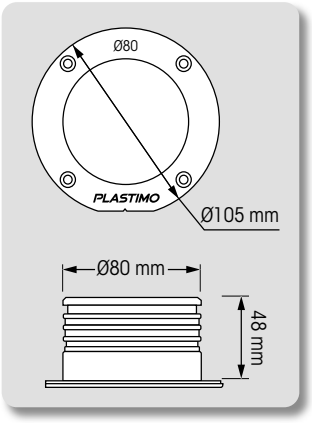
Compatible with Plastimo bilge blower, see p. 600 (Requires sleeve ref 67307).

Connector
The connector must be combined with the EZ Air system.
The connector can be used independently of the EZ Air system for other applications.
The external helical braid hose is fastened with the patented Plastimo clamping nut.

Ø 80 mm straight connector
67307

Allows fastening on a ship's ventilation box.



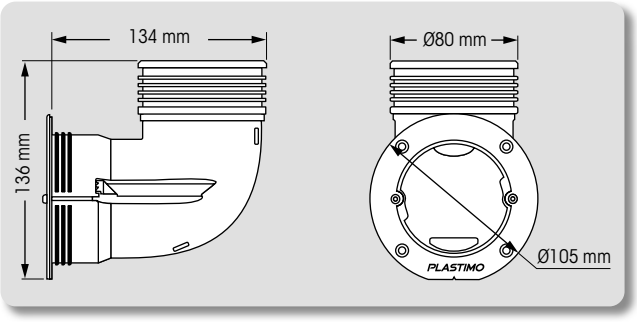


Ø 80 mm elbow connector
67910

The elbow connector is fixed through the partition with 2 mounting wedges (stainless steel A4 Torx screws supplied).

Maximum bulkhead thickness: 25 mm. Can also be fixed to an interior ventilation system with 4 screws (not supplied).

The connector can be used independently of the EZ Air system. In this case, a gooseneck with adjustable clamps should be mounted.

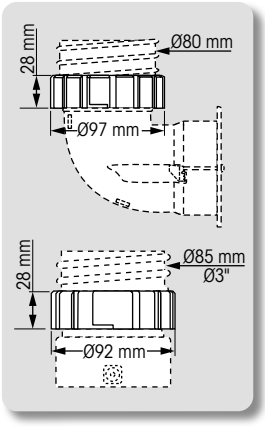


Fastening nut for external helical braid hose

- Ø 80 mm : **67912**
- Ø 3" / 75 mm : **67913**

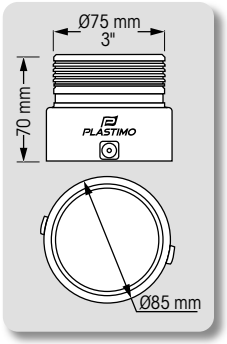
The Plastimo clamping nut is specifically designed to fix and secure the external helical braid hose.
The clamping nut clips onto the EZ Air products with many benefits :

- Clean assembly.
- Quick and easy installation.
- Preservation of the hose and connector.
- Can be fixed without sealant.



Options

- ***Reducer** adapted to the straight and elbow connector for the use of a Ø 3"/ 75 mm hose: 67914 :* ***67914.***



- ***Round or square hose vents to stylishly match any deck or transom design for a clean look.*** *Anti-UV ABS.*
  - *Round vent :* ***67872***
  - *Square vent :* ***67873***

Ø 80 mm hose : ***70567*** *p. 604.*

Ventilation ducting hoses

To avoid water intrusion into the ventilation circuit, place the ventilator in a protected area and do not hesitate to bend the hose.

Hose for ventilation with internal helical braid

PVC flexible hose reinforced with PVC internal helical braid.
Smooth-walled inside.
Temperature range : -15° C to +60° C.
Do not use under pressure.
Length : 25 m.

Hight flexibility

Ref.	Int. Ø	Thickness	Braid Thickness	Weight	Bend radius	Vacuum pressure
16277	70 mm	0.5 mm	3.3 mm	500 g/m	110 mm	150 mbar
27160	76 mm	0.5 mm	3.4 mm	530 g/m	115 mm	127 mbar
27161	102 mm	0.5 mm	3.8 mm	1000 g/m	127 mm	100 mbar

Hose for ventilation with external helical braid

PVC flexible hose reinforced with rigid shockproof PVC external helical braid.
Smooth-walled inside.
Temperature range : -10° C to +60° C.
Do not use under pressure.
Length : 25 m.

Lightweight and resistant

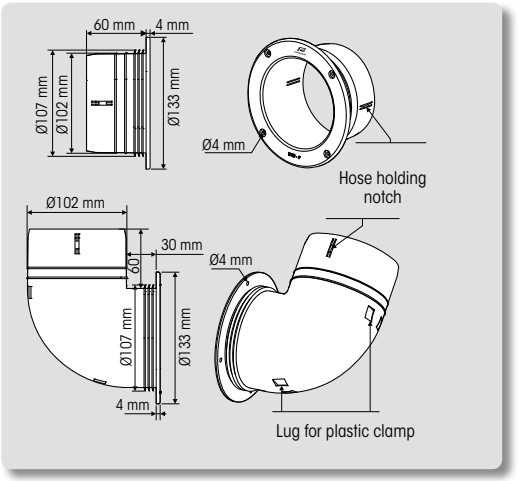
Ref.	Int. Ø	Thickness	Weight	Bend radius	Vacuum pressure
403945	70 mm	0.6 mm	415 g/m	105 mm	150 mbar
403944	75 mm	0.6 mm	465 g/m	113 mm	140 mbar
70567	80 mm	0.6 mm	510 g/m	120 mm	140 mbar
418253	100 mm	0.8 mm	615 g/m	150 mm	140 mbar

Connectors for ventilation shaft

Specifically designed to ventilate engine compartments.

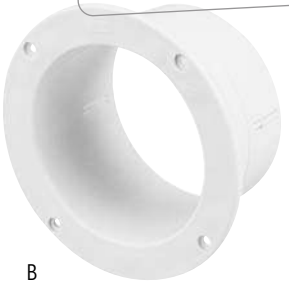
- A - **51069** Elbow connector.
- B - **51070** Straight connector

Polypropylene construction :
shock and load resistant, impervious to fuel and acetic acid.
Notches and lugs hold the hose in position ; in addition, the hose must be secured with stainless steel clamps. Connector is easy to fit, by means of 4 screws outside.



A

For ventilation shaft Ø 102 mm, 4".



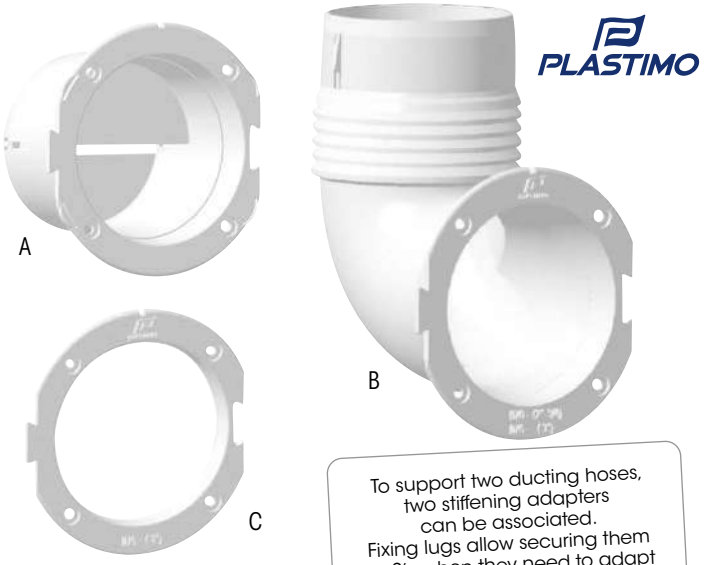
B

The elbow against the transom prevents water intrusion.

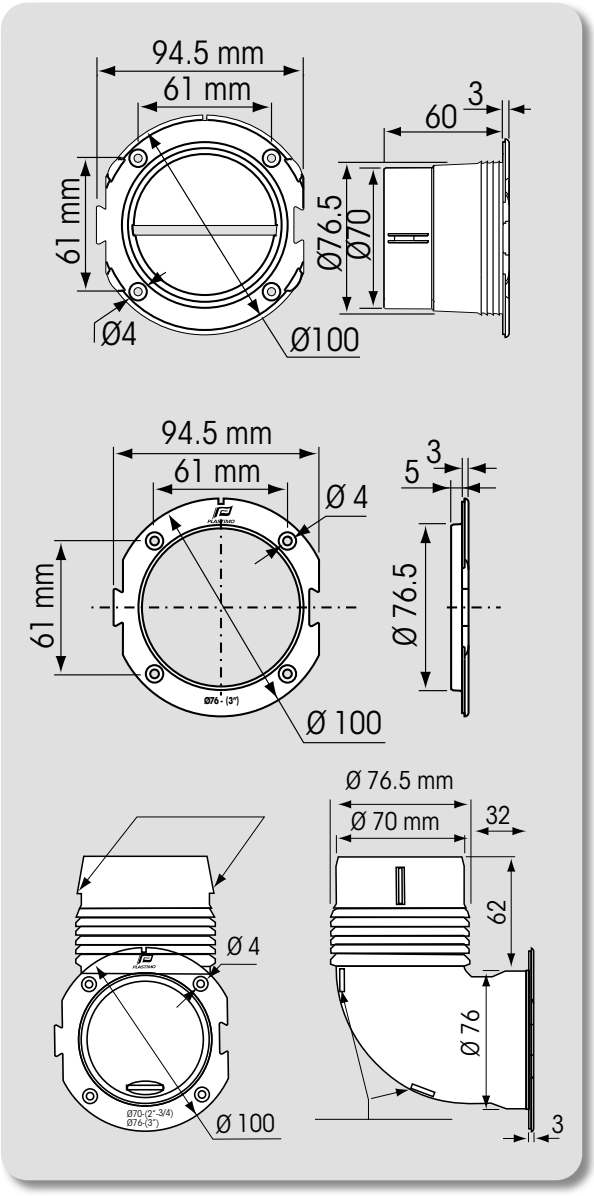
When installating the blower, we recommend to place the exhaust louvred ventilator in a reasonably protected area (for example, in the cockpit rather than on the transom), so as to prevent water intrusion into the ventilation circuit. An extra precaution consists in building an elbow in the hose.

Wall-mount PVC connector

Description	Ref.	Hose Ø
PVC straight connector	**50155**	65 - 70 mm
	50156	100 mm



To support two ducting hoses, two stiffening adapters can be associated. Fixing lugs allow securing them by 2's, when they need to adapt to a double louvered vent.



Stiff ducting adapters

Suitable for Ø 3" and 70 mm ducting hose. Manufactured from polypropylene for a good UV-resistance. It is extremely shock and load resistant, compatible with common sealants and impervious to acetic acids. Made to support a hose along a bulkhead.
On the straight model, ventilation is ensured by a louvred opening, which also prevents heavy water intrusions.

Quick and easy installation :

Drill a Ø 76 mm hole. Notches ensure the perfect hold of the adapter in the bulkhead. Secure the adapter with 4 x M4 screws and sealant for waterproofness (compatible with most common sealants). Clip a louvered vent if necessary : moulded-in ribs contribute to the vent's secured position. Fit the hose on the adapter. Two lugs hold the hose, while waiting to be secured with stainless steel hose clips (not supplied).

	Ref.	Modell
A	**47514**	3" straight adapter
B	**54389**	3" elbow adapter
C	**54390**	3" 5 mm flange

3" hose vents

Used either on its own to ventilate a locker or in conjunction with the stiffening adaptor for connection to a hose.
No screws required : neat aesthetics and time-saving assembly.

Ref.	Colour
47515	White
47516	Grey
47517	Black

Use :
- **Locker ventilation :** drill a Ø 73 mm hole with a hole saw, apply sealant and push-in the vent.
- **Inside locker ventilation, in conjunction with a hose :** the vent grid is simply clipped on the stiffening adaptor, requiring no glue nor mechanical fixture.

Ventilation flange

417965

Ø ext. 85 mm.
Black polyethylene resistant to water and hydrocarbons.
Easy mounting (hose Ø 75 mm) with no need for clamps. Access from above deck.

Vents

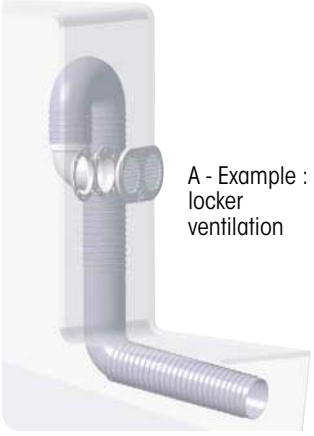
Range of vents covering most mounting possibilities typically encountered on a boat. The Plastimo range provides a stylish, efficient and mechanically resistant answer.

To prevent water intrusion into the ventilation circuit, place the vent in a protected area and if possible form a swan neck in the sheath.

Double vents

A

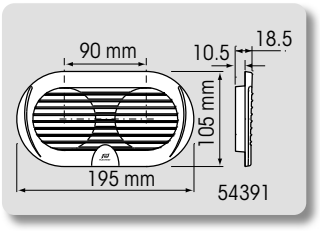
B



A - Example : locker ventilation

Connects two ventilation exhausts behind one single louvred vent.

Description		Ref.	Dimensions	Colour
Double ventilator. Offers multiple combinations in conjunction with two adaptors (flange, straight or elbow stiffening adaptors). The vent is simply clipped on the stiffening adaptors (90 mm space between the two holes).	A	**54391**	195 x 105 mm Ø 3"	White
Detachable double vent - Polyamide	B	**44545**	255 x 115 mm	White



Louvered vents

AISI 316 st. steel louvered vents

	Description	Ref.	Dimensions
A	3-slot	**13356**	208 x 111 mm
	5-slot	**13357**	325 x 111 mm
B	4-slot	**476180**	213 x 111 x 38 mm
C	5-slot	**403626**	288 x 111 x 22 mm

A

B

C

ABS louvered vents

Heavy duty ABS, corrosion and UV-proof.
Can be lacquered.
Built-in dimensions : 406 x 56 x 25 mm.

Colour	Ref.	Dimensions
Cream	**418221**	452 x 87 mm

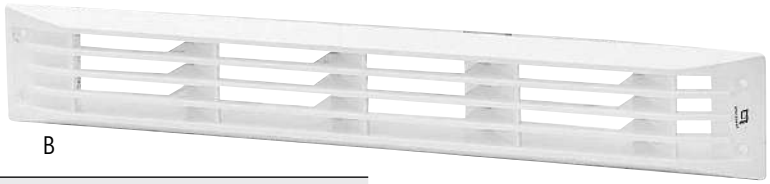
Plastic collector box

403623

Suitable for ventilation or water exhaust.
Made of black plastic. 2 exits, Ø 3"/75 mm,
sizes : L. 260 x H. 83 x d.140 mm

Plastic vents

A



B

Rectangular vents

	Description	Ref.	Colour	Dimensions
A	**Plastic**	**16311**	Black	200 x 100 mm
		17657	White	
B	**ABS**	**27320**	White	441 x 69 mm Cut-out 390 x 49 x 19 mm

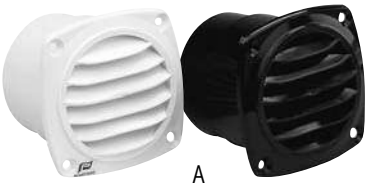
A

B

Square vents

	Ref	Colour	Dimensions
A	**424932**	White	84 x 84 mm
	419455	Black	84 x 84 mm
B	**47063**	White	92 x 92 mm
	47064	Grey	92 x 92 mm
C	**50152**	White	118 x 118 mm

C

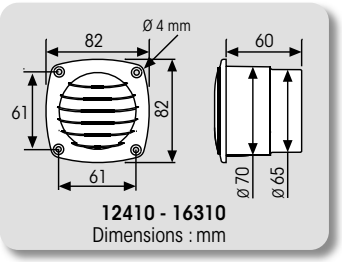


A

B

Round vents + flange

	Ref.	Colour	Dimensions
A	**12410**	White	Ø 65/70 - 82 x 82 mm
	16310	Black	Ø 65/70 - 82 x 82 mm
B	**421955**	White	Ø 100 - 125 x 125 mm
	421956	Black	Ø 100 - 125 x 125 mm

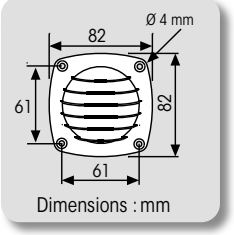


12410 - 16310
Dimensions : mm

Round vents

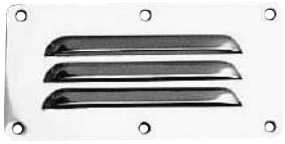
Manufactured from PBT, for increased UV-resistance. Compatible with common sealants and impervious to acetic acids. Resistant to distortion resulting from hygrometry fluctuations.

Ref.	Colour	Dimensions
12409	White	82 x 82 mm
16307	Grey	82 x 82 mm
16308	Black	82 x 82 mm



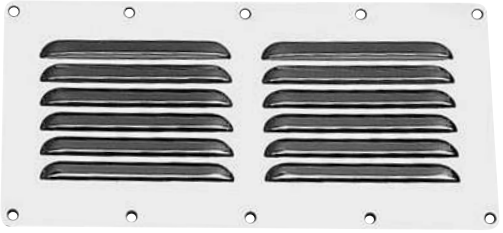
Dimensions : mm

Stainless steel vents



A

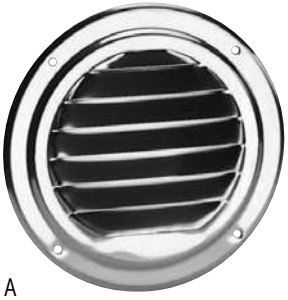
B



C

Rectangular vents

	Ref.	Material	Dimensions
A	**16313**	St. steel	65 x 125 mm
B	**16314**	St. steel	115 x 130 mm
C	**16312**	St. steel	115 x 230 mm



A

B

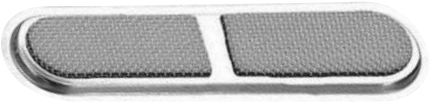
C

Fixed round vents

	Ref.	Material	Dimensions
A	**13355**	316 St. steel	Ø 125 mm

Butterfly round vents

	Ref.	Material	Dimensions
B	**402907**	304 St. steel	Ø 127 mm
C	**414451**	304 L St. steel	Ø 90 mm
	414452	304 L St. steel	Ø 120 mm
	414454	304 L St. steel	Ø 150 mm
	412976	304 L St. steel	Ø 180 mm



Square vent + flange

Ref.	Description	Dimensions
475364	316 st. steel vent flange for hose Ø 100 mm	127 x 127 mm

Oval vent

Ref.	Description	Dimensions
472659	304 st. steel. Drill size 144 x 34 mm	150 x 40 mm

Outboard troley

Patented

Outboard trolley

67436

- Suitable for outboards up to 15 HP (60 kg).
- Lightweight (4 kg), compact and stable. Ergonomic design, foldable.
- Adjustable height aluminum tubes, accommodate long shaft engines.
- Large solid wheels (Ø 250 mm, width 80 mm). Suitable for use on the beach.
- Wheels with waterproof bearings.

Outboard transom pads

A

B

C

Plastic transom pads

	Width	Height	Thickness	Black	White	Grey
A	230 mm	86 mm	5.5 mm	**45343**	**45341**	**45342**
	270 mm	98 mm	5.5 mm	**45339**	**45337**	-
B	300 mm	220 mm	7 mm	**45331**	**45329**	-
	450 mm	360 mm	7 mm	-	**45333**	**45334**
C - Tilted	450 mm	360 mm	3 mm - 19.5 mm	**195139**	**195136**	**195138**
D	450 mm	360 mm	6 mm	**45327**	**45324**	**45326**

D

Aluminium transom pad

Anodized aluminium transom pad with safety cable fastening.

Ref.	Dimensions
402018	200 x 95 mm
402024	315 x 100 mm

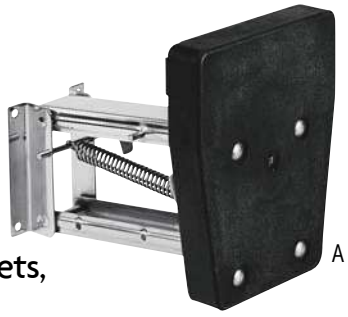
Adjustable motor brackets

St. steel motor brackets, wood pad

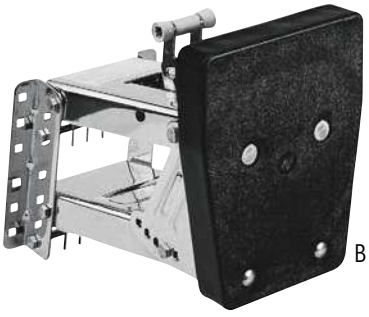
175702

For motor 10 HP - 40 kg max.
Structure & springs : St. steel.
Pad : varnished marine quality plywood.
Height of pad : 248 mm.
Width of pad : 180 mm.
Thickness : 33 mm.
Height clearance : 355 mm.

St. steel



A



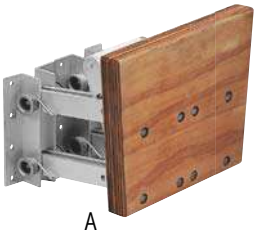
B

Alu

C

Motor brackets, plastic pad

	Ref.	Structure & pad	Pad	For motor	Height of pad	Width (pad top)	Width (pad base)	Thickness	Height clearance
A	**51566**	316 st. steel structure - 304 st.steel springs	Polypropylene	10 HP - 30 kg max.	265 mm	210 mm	160 mm	45 mm	260 mm
B	**51567**			20 HP - 50 kg max.	265 mm	210 mm	160 mm	45 mm	260 mm
C	**31619**	Structure & springs : anodised aluminium	Polypropylene	< 20 CV - 50 kg	265 mm	210 mm	160 mm	45 mm	310 mm



A

B

C

D

E

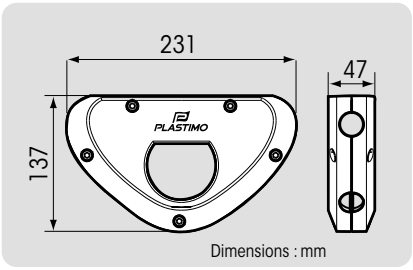
Aluminium motor brackets

	Ref.	Structure & springs	Pad	For motor	Height of pad	Width (pad top)	Width (pad base)	Thickness	Height clearance
A	**46326**	Anodised aluminium - Double structure - Reinforced springs	Marine quality wood	9.9 HP 4 stroke - 30 HP 2 stroke - 70 kg max.	300 mm	375 mm	335 mm	42 mm	320 mm
B	**400541**	Anodised aluminium	Varnished marine quality wood	15 HP max - 30 kg max	270 mm	-	200 mm	40 mm	310 mm
C	**400543**			20 HP max - 35 kg max	270 mm	-	200 mm	40 mm	300 mm
D	**473775**			9.9 HP 4 stroke - 30 HP 2 stroke - 50 kg max.	300 mm	300 mm	270 mm	43 mm	280 mm
E	**413927**			25 HP max - 40 kg	270 mm	200 mm	-	40 mm	320 mm

Fixed motor brackets

MADE BY PLASTIMO

François Paris ©



Outboard motor holder

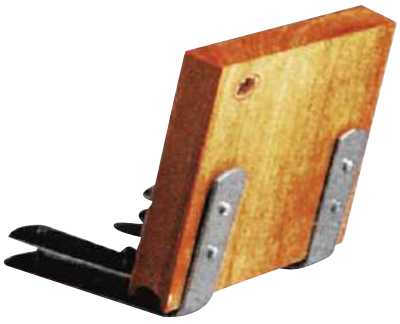
- White : **61535**
- Grey : **65628**

Features a built-in compartment to store the cable neatly.
Fibreglass reinforced polyamide 6 and st. steel screws.
Mounting on Ø 25 mm stainless steel tube.
90 cm st. steel sheathed cable included (Ø 4.2 mm).
For motor 5 HP max. (30 kg max.).

Fixed motor bracket

405066

Straight pad (0° to 17°).
Console made from st. steel, L. 178 mm.
Varnished marine wood pad, adjustable in 3 positions.
Fastening to transom.
For motor : 8 HP - 40 kg max.
Height : 150 mm.
Width : 265 mm.
Thickness : 35 mm.



Platform-mount motor bracket

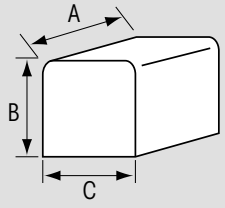
414658

316 st. steel bracket, varnished wood pad.
For motor up to 8 HP (5.9 kW).
Length : 220 mm.
Height : 190 mm.
Depth : 210 mm.
Thickness : 32 mm.

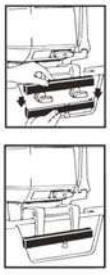
Outboard motor covers

With lanyard for perfect fit.

Dralon bleu royal	PVC white	Dimensions A x B x C
38018	**38022**	45 x 20 x 25 cm
38019	**38023**	45 x 25 x 30 cm
38020	**38024**	45 x 30 x 35 cm
	38025	55 x 35 x 35 cm



Accessories for outboard motors



Outboard motor Lock
2280127

This lock is made of high resistance steel and treated against corrosion.
It is equipped with an interior foam to prevent vibrations and a safety key.

Lifting sling for outboard motor
418654

For outboard engine <15HP (max. 50 kg).

Safety cable

Plastic coated st. steel cable,
with a st. steel hook on each end.

Ref.	Description
414100	White plastic coated. Length : 60 cm.

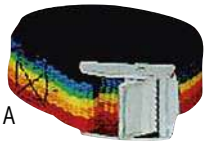
Engine start braid

High strength, polyester braided with 16-plait core.
High friction resistance. Density : 1.38.

Ø mm	White/black	Breaking strength	Length
3	**417122**	200 kg	200 m
4	**417123**	320 kg	100 m
5	**417124**	400 kg	
6	**470001**	590 kg	

Lashing straps

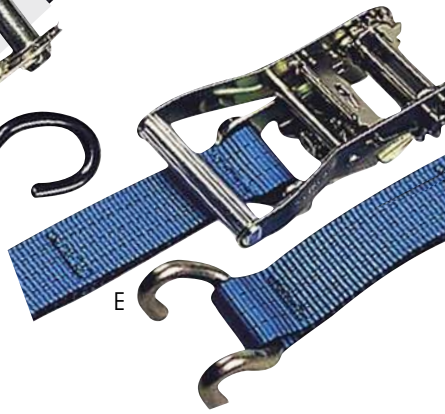
Polyester lashing straps


A

B

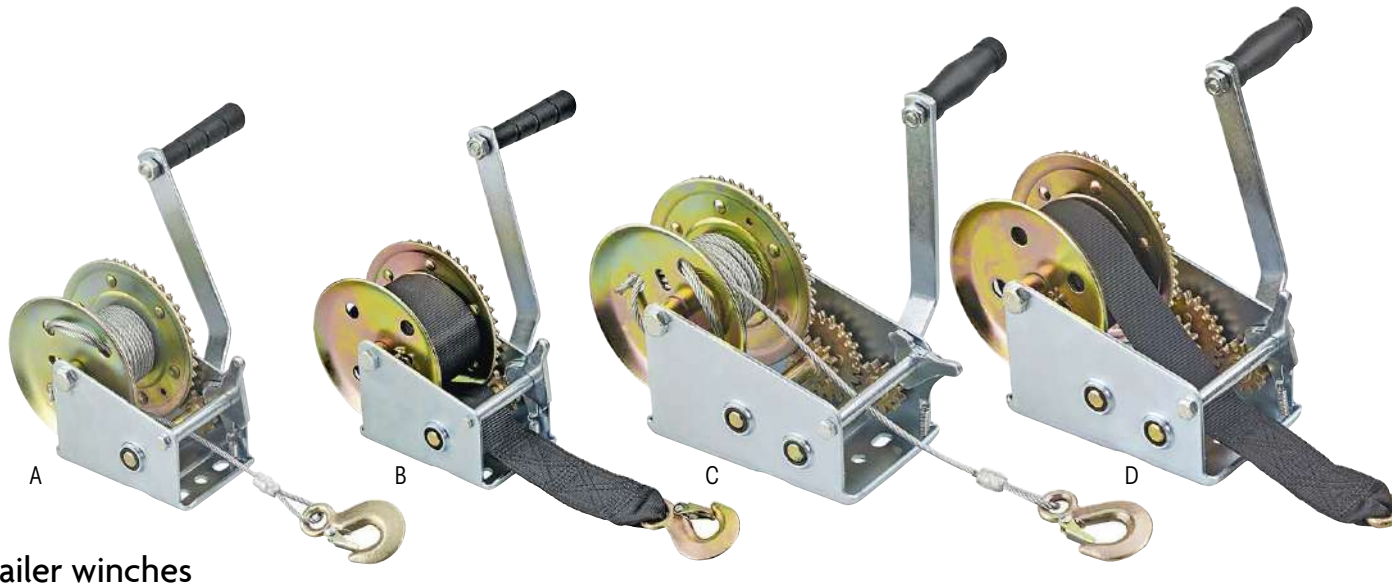
C

D


E

Model	Ref.	Length	Width	Break load	Fitted with
A (supplied x 2)	**415217** **415218**	2.50 m 3 m	25 mm 25 mm	70 kg 70 kg	Zamak buckle
B	**31484**	5 m	35 mm	500 kg	Buckle
C	**416154** **416155**	3.50 m 5 m	25 mm 25 mm	130 kg 130 kg	Ratchet
D	**10102**	6 m	25 mm	400 kg	1 ratchet + 2 "S" hooks
E	**10315** **417934** **417933**	6 m 8 m 10 m	50 mm 50 mm 50 mm	5000 kg 4000 kg 4000 kg	1 ratchet + 2 hooks

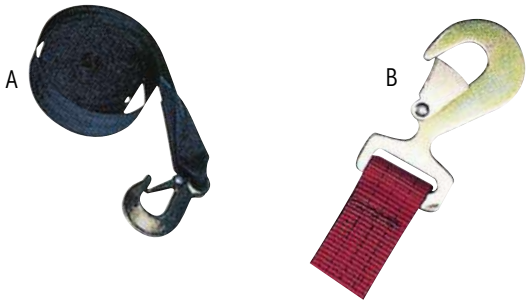
Trailer accessories



Trailer winches + cable or webbing strap

Zinc-plated steel manual trailer winches.

	Safe working load	With cable or webbing strap	Ref.	Gear ratios	Hub Ø	Handle
A	**450 kg**	Steel cable, 10 m Ø 4.2 mm	**65547**	4.1 : 1	18 mm	18.5 cm
B	**450 kg**	Webbing strap, 8 m x 50 mm wide	**65548**	4.1 : 1	18 mm	18.5 cm
C	**1130 kg**	Steel cable, 10 m Ø 5 mm	**65549**	5.1 : 1 + 12.2 : 1	21 mm	20.5 cm
D	**1130 kg**	Webbing strap, 8 m x 50 mm wide	**65550**	5.1 : 1 + 12.2 : 1	21 mm	20.5 cm



Winch straps

Eliminate all the problems of twisting and binding which can occur with cable. The large heavy duty hook allows for easy and secure retrieval. Rinse in fresh water regularly.
50 mm wide webbing straps.

	Description	Ref.	Length	Break load
A	**Polyamide**	**410696**	4.50 m	1800 kg
		410698	6 m	
		410699	7.50 m	
B	**Polyester**	**10755**	4.50 m	5000 kg
		10756	6 m	
		10757	7 m	

Trailer lights

69085

With incandescent bulb.
4 functions and versatile left/right :
- Position light.
- Stop light.
- L/R turn indicator.
- Numberplate lighting.
- Dimensions L x W x D :
  97 mm x 97 mm x 49 mm.

LED trailer lights

69086

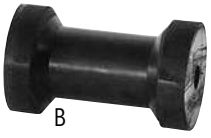
4 functions and versatile left/right :
- Position light.
- Stop light.
- L/R turn indicator.
- Numberplate lighting.
- Dimensions L x W x D :
  97 mm x 105 mm x 31 mm.

Trailer hitch

422400

Trailer hitch bowl Ø 50 mm. Thread Ø 24 mm x L. 55 mm.
Complies with ISO standard for 3.5 tons.

A


B

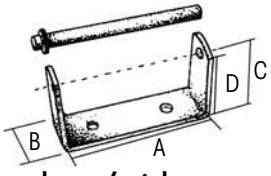
C

D

E

Rubber rollers and buffers

	Model	Ref.	Length	Ø bore	Dimensions
A	**Buffer block**	**416719**	120 mm	-	Width 100 x thickness 40 mm.
		416718	300 mm	-	Width 100 x thickness 30 mm.
B	**Flat roller**	**416704**	195 mm	21 mm	Ø min. 47 mm.
C	**«V» roller**	**403121**	200 mm	21 mm	Ø max. 70 mm. Ø min. 60 mm. Weight 950 g.
		403122	200 mm	21 mm	Ø max. 86 mm. Ø min. 60 mm. Weight 1080 g.
		403129	200 mm	21 mm	Ø max. 86 mm. Ø min. 60 mm.
D	**Castor roller**	**416715**	74 mm	21 mm	Ø max. 120 mm.
E	**Castor roller**	**403132**	70 mm	25 mm	Ø max. 142 mm.

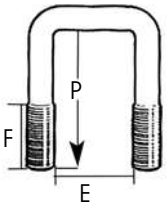


Roller brackets (without spindle)

Ref.	A	B	C	D
422423	137 mm	40 mm	55 mm	75 mm
422424	209 mm	40 mm	60 mm	80 mm

Spindles and washers

Ø	Length	Spindle	Washer
16 mm	250 mm	**422417**	**422420**
20 mm	250 mm	**422419**	**422422**



Zinc plated «U» bolts

Wire Ø 9 mm, M10 thread. Supplied with washers and nuts.

Ref.	Dimensions	E	F	P
422370	30 x 30 mm	30 mm	22 mm	50 mm
422371	40 x 40 mm	40 mm		60 mm
422372	50 x 50 mm	50 mm		75 mm
422373	60 x 60 mm	60 mm		85 mm
422374	80 x 80 mm	80 mm		110 mm
422375	100 x 100 mm	100 mm		120 mm
422376	60 x 30 mm	60 mm		55 mm
422377	80 x 40 mm	80 mm		65 mm
422378	100 x 50 mm	100 mm		70 mm
422379	120 x 60 mm	120 mm		80 mm

A

B

Trailer hitch locks

Simply fit the anti-theft device on the towing ball to keep your trailer safe when parked.

	Ref.	Description	Fits couplers Ø
A	**63623**	Universal trailer coupler lock. Body in nickel plated die-cast zinc. Built-in lock with cylinder.	48 to 51 mm
B	**31326**	Set of coupler lock with padlock	50 mm

Option

Brass padlock alone : 410704
95 mm.
Stainless steel Ø 8 mm straight shackle.

Fishing & Angling

Jean-Marie Liot ©

Inflatable lifejackets
with washable outer shell,
see pages 26-27

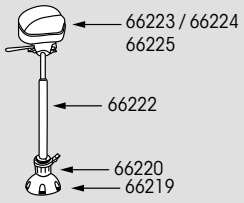
Stools / stand-up seats

- **Black : 66223**
- **White : 66224**
- **Camouflage : 66225**

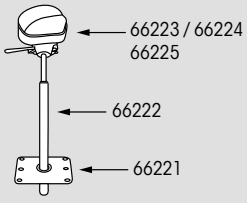
Seat or lean against stool, «bicycle» style.
Compact design allows for more room when standing up to fish.
Foam padding covered in marine grade vinyl.
Dim. : 380 x 130 x 280 mm (L x H x D).

Seat pedestal (see page 567)

- **On deck**



- **Below deck**



Spherical fenders, A series

Max. boat length	Type	White with blue eye	Red with blue eye	Blue with blue eye	Ø cm	cm	cm	Weight kg	Volume L
4 m	A0	**66125**	**54703**	-	21	28	2.2	0.6	6
5 m	A1	**54704**	**54705**	**65093**	30	38	2.2	1.15	13
7 m	A2	**54706**	**54707**	**65094**	39	50	2.5	2.1	32
9 m	A3	**54708**	**54709**	**65095**	46	58	2.8	3.1	52
14 m	A4	**54710**	**54711**	**65096**	55	77	2.8	4.1	90
16 m	A5	**54712**	**54713**	-	71	94	2.8	8.3	215
18 m	A6	**54714**	**54715**	-	85	112	3.5	11.3	405
> 18 m	A7	**54716**	**54717**	-	110	142	6	21	670

Round surface float

Polyethylene.

Yellow	Orange	White	Ø	Height	Rope Ø	Buoyancy Overall	Buoyancy In use
-	**43956**	-	4.8 cm	3.2 cm	0.6 cm	62 g	31 g
-	**43960**	-	5.6 cm	3.6 cm	0.8 cm	71 g	35 g
62202	**62188**	**62187**	8 cm	3.9 cm	0.8 cm	500 g	130 g

Fixed rod holders

Jean-Marie Liot ©

A

B C D

Options & Accessories

• *Spare cap for 400597* ***401773***

• *Inside rubber for 400570* ***401769***

• *Spare internal rubber for 400597* ***401770***

Metal rod holders

Model	Ref.	Length	Int. Ø	Features
304 st. steel	A **17046**	216 mm	35 mm*	Removable rod holder. 100 x 90 mm plate for deck or bulkhead mounting.
316 st. steel	B **35174**	232 mm	41 mm	Flush mount. Supplied with cap.
Chromed brass	C **400597**	240 mm	40 mm	Flush mount. Supplied with cap.
	D **400570**	250 mm	40 mm	Adjustable upper clamp.

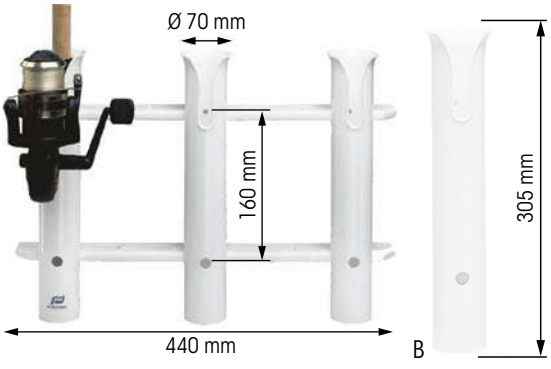
*38 mm without flange.

A B C D

Plastic rod holders

Model	Material	Ref.	Length	Int. Ø	Features
White	**PVC**	A **62256**	228 mm	44 mm	Supplied with 2 st. steel sockets.
	Polyamide	B **62253**	230 mm	40 mm	Flush mount. Supplied with cap*.
	Polypropylene	C **62255**	228 mm	41 mm	Flush mount.
	Polyamide	D **37659**	230 mm	40 mm	Flush mount. Supplied with cap.

* White spare cap : ***62258.***



Bulkhead-mount storage racks

- For 3 rods. : **13405**
- For 1 rod : **13406**
  Length : 305 mm. Ø : 70 mm.

Adjustable rod holders

Jean-Marie Liot ©

A B

Metal rod holders

Model		Ref.	Length	Int. Ø	Features
Chromed brass	A	**400609**	290 mm	40 mm	Railmount. Ø tube : 22/25/30 mm
	B	**400598**	350 mm	40 mm	Horizontal mount. Base dimensions : 93 x 60 mm

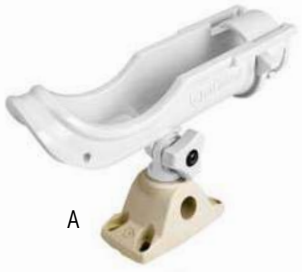
Options & Accessories

- *Rail mount base for 400609.* ***404956***

- *Intermediate serrated washer for 418378 & 400598.* ***401768***

- *Rubber for rod holder - Ø 40 mm.* ***401769***

- *Rod holder base for 400598.* ***478205***


A

Plastic rod holders

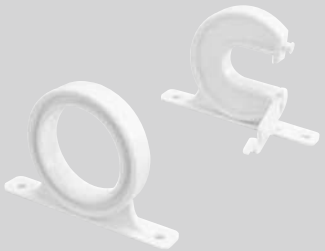
	Ref.	Features
A	**27520**	Reinforced plastic rod holder. Locking ring to secure the rod. 180° vertical easily adjustable. Fits all types of rods. 3-year warranty. Supplied with mounting base.

Fishing rod storage

A

Rod and boat hooks racks

	Description	Ref.	H	W	L
A	Horizontal storage. Polyethylene. 2 rods.	**62252**	216 mm	73 mm	19 mm

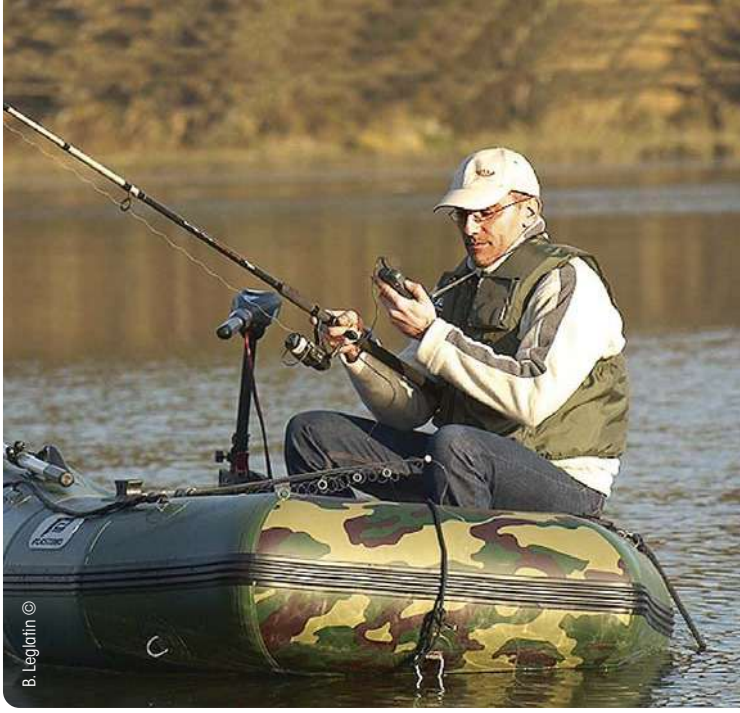


Rod holding ring

62260

White rod holding ring.

Fishfinders : see page 395.



Round surface float

Polyethylene.

Yellow	Orange	White	Ø cm	Height cm	Rope Ø cm	Buoyancy Overall	Buoyancy In use
-	**43956**	-	4.8	3.2	0.6	62 g	31 g
-	**43960**	-	5.6	3.6	0.8	71 g	35 g
62202	**62188**	**62187**	8	3.9	0.8	500 g	130 g

Marker float

16381

Red and white polystyrene.
Floats are supplied without rope.
Length : 14 cm, Ø : 6 cm.
Rope Ø : 1.2 cm.
Buoyancy overall : 262 g.
Buoyancy in use : 131 g.

Round surface float

Suitable for fitting marker flag.

Yellow	Orange	White	Ø cm	Height cm	Rope Ø cm	Buoyancy Overall	Buoyancy In use
43399	**62182**	**62181**	17	14.5	2	3 kg	1.7 kg
43397	**62185**	**16385**	26	20	3	15 kg	8.5 kg

Aquascope, collapsible

Description	Ref.	Ext. Ø	Height
Ideal to watch the underwater world from your boat.	**31409**	33.5 cm	51 cm

Small bathyscope

Ref.	Length	Height	Width
43350	20 cm	41 cm	17 cm

PLASTIMO
happy boating to you!

Chandlery, Maintenance & Paint

Jean-Marie Liot ©

Anodes

When your boat's hull is submerged, anodes protect the various metal components (steel or aluminium hull, propeller shaft, keel, rudder, engine) from the deterioration caused by galvanic corrosion.

Galvanic corrosion (also called electrolyte) is the deterioration of metal which occurs when dissimilar metals are joined together by a conductor in an electrically conductive fluid : the least noble metal (the anode) dissolves while the most noble metal (the cathode) remains protected.

Sacrificial anodes are mounted on, or related to the metal to be protected. As the anode has a lower electrical potential than the metal, the anode deteriorates in lieu of the metal to be preserved.

Sea water : Zinc* or Aluminium
Brackish water : Aluminium
Fresh water : Magnesium

* Zinc anodes comply with MIL-A-18001K.

Electrochemical specifications	ZINC	ALUMINIUM	MAGNESIUM
Potential (Ag/AgCl)	- 1050 mV	- 1150 mV	1450 mV
Theoretical capacity	800 Ah/Kg	2700 Ah/Kg	1300 Ah/Kg
Practical capacity	780 Ah/Kg	2600 Ah/Kg	1300 Ah/Kg
Electrical efficiency	95%	90%	50%

Electrical potential of metals (Ag/AgCl)	
Bronze	- 400 mV
Steel	- 800 mV
Stainless steel	- 200 -400 mVw
Brass	550 mV
Aluminium	- 800 -1100 mV

Standard anodes protect elements common to all boats (shafts, hull...).
Some anode models are specific to a motor or thruster brand (always refer to the manufacturer's recommendations).

INSTALLATION

The anode must be in direct contact with the metal it protects : never paint around an anode or the anode itself.
Do not fit magnesium anodes on wooden hulls as it would deteriorate the boat structure.

WHEN SHOULD ANODES BE REPLACED ?

Anodes deterioration rate may fluctuate according to the mooring area, water salinity, PH and temperature, potential electrical failure on board, and of course, the quality of the anodes themselves.

A good benchmark for replacement is when the anode is 70-80 % dissolved. It is recommended to replace anodes every year when doing the boat antifouling/launching. In all cases, anodes deterioration should always be watched carefully together with the condition of the metal parts they protect.

IMPORTANT :

On the opposite, anodes may dissolve quickly if they are bad quality or if there is an electrical failure on board (check the batteries, the right earth connection to the dock, the proper cathodic protection of your marina neighbours, ...).

Magnesium anodes

Dimensions in mm

Magnesium
Fresh water

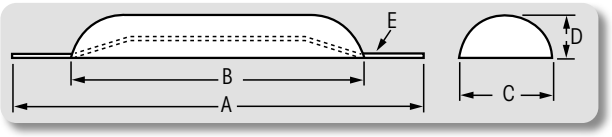
Ⓐ

Ⓑ

Ⓒ

Weld-on anodes, galvanised steel fixing strap

	Ref.	A	B	C	D	E	Weight
Ⓐ	**38387**	190	110	60	28	25 x 4	0.3 kg
Ⓑ	**38388**	300	180	65	30	25 x 4	0.75 kg
Ⓒ	**38389**	390	290	80	40	30 x 5	1.3 kg
	38390	390	290	90	30	30 x 5	1.8 kg



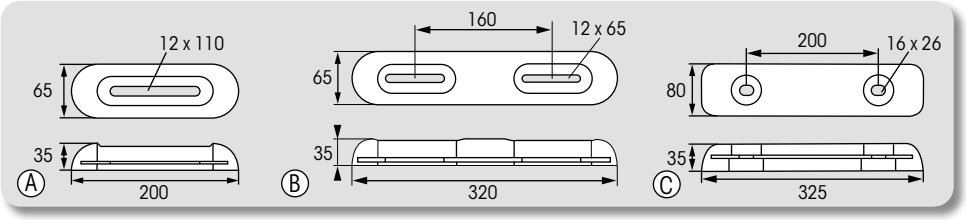
Ⓐ

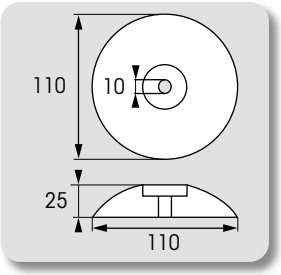
Ⓑ

Ⓒ

Bolt-on anodes

	Ref.	Boat	Weight
Ⓐ	**38392**	Fairline	0.4 kg
Ⓑ	**38393**	Fairline	0.7 kg
Ⓒ	**38394**	-	1.6 kg

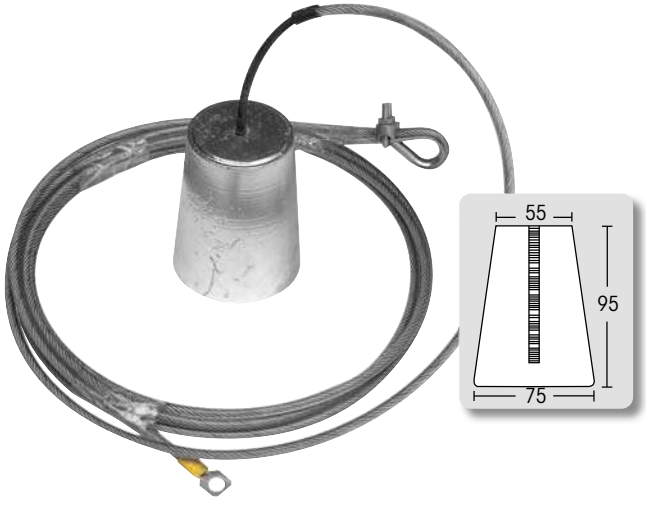




Disc anode

Supplied in pairs with screw.

Ref.	Weight
53055	0.560 kg



Hanging anode

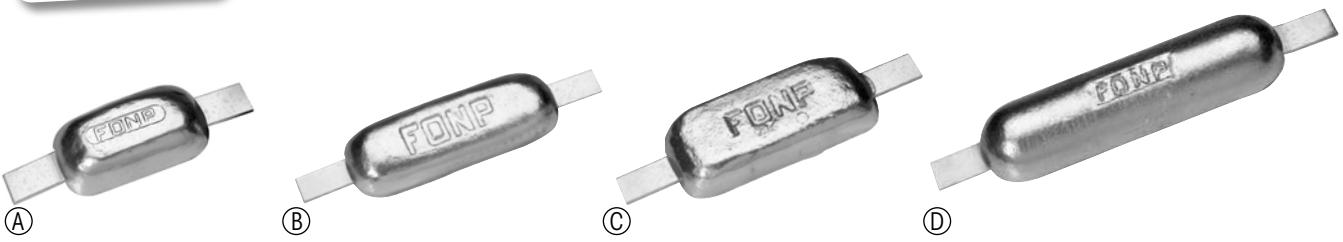
For optimum performance, hanging anode
(or mooring anode) must be brushed regularly

Ref.	Features	Weight
420995	4 m stainless steel cable with PVC sheath. Earthing connector included.	1 kg

Aluminium anodes

Aluminium
Sea water or brackish water

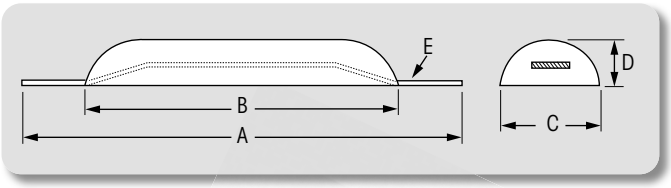
Dimensions in mm



Ⓐ Ⓑ Ⓒ Ⓓ

Weld-on anodes, galvanised steel fixing strap

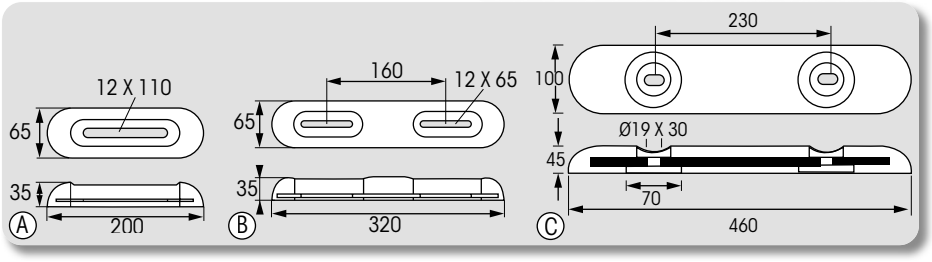
	Ref.	A	B	C	D	E	Weight
Ⓐ	**38374**	190	110	60	28	25 x 4	0.6 kg
Ⓑ	**38375**	300	200	70	25	25 x 4	1 kg
Ⓒ	**38376**	300	200	90	35	30 x 5	1.8 kg
Ⓓ	**38377**	390	290	80	40	30 x 5	2.2 kg

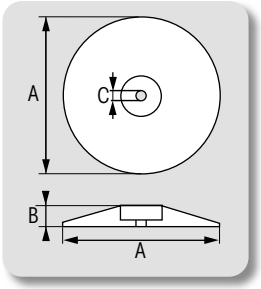


Ⓐ Ⓑ Ⓒ

Bolt-on anodes

	Ref.	Boat	Weight
Ⓐ	**38383**	Fairline	0.550 kg
Ⓑ	**38384**	Fairline	1 kg
Ⓒ	**177390**	Fairline - Sunseeker	5 kg

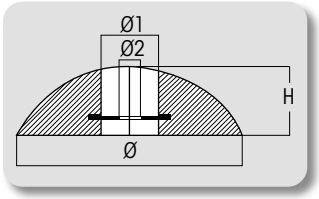




Disc anode

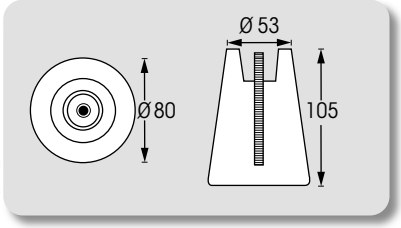
Supplied in pairs with screw.

Ref.	Ø A	B	C
53052	110 mm	25 mm	10 mm
53053	140 mm	29 mm	12 mm



Disc anode (UK)

Ref.	Ø	Ø 1	Ø 2	H	Weight
177386	110 mm 4.33"	36 mm 1.42"	14,5 mm 0.57"	31 mm 1.22"	0.390 kg



Hanging anode

420994

Suitable for aluminium alloy hulls.

- 6 m stainless steel cable with PVC sheath. Earthing connector included.
- Weight : 0.980 kg

Use 2 anodes on boats up to 12 m and 4 anodes on 12-14 m boats.
Hanging anodes (or mooring anodes) must be brushed at regular intervals for optimum performance.

Zinc anodes for hull

Zinc*
Sea water

*Compliant with MIL-A-18001K

Dimensions in mm

A

B

C

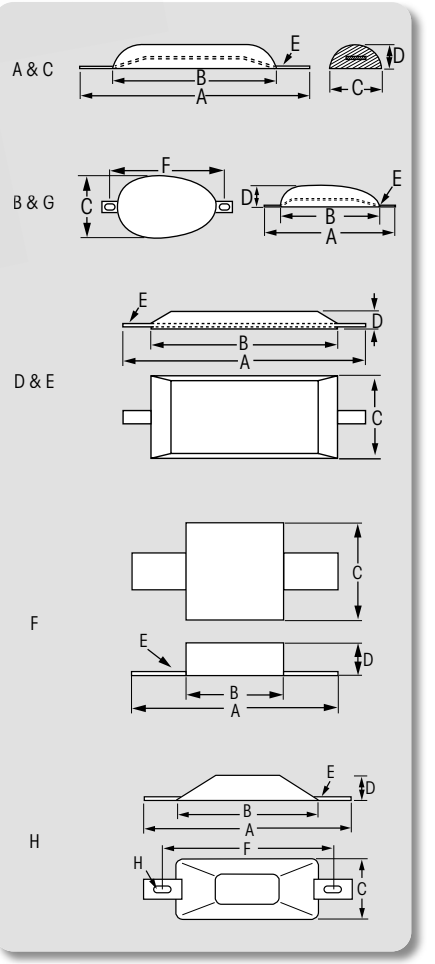
D

E

F

G

H



Weld-on anodes, galvanised steel fixing strap

	Ref.	A	B	C	D	E	F	Weight	Features
A	**40236**	170	110	60	20	25 x 4		0.6 kg	-
	38214	190	110	60	28	25 x 4		1 kg	-
B	**39338**	250	145	90	35	30 x 4		2.2 kg	-
	38216	250	150	90	40	30 x 4		3 kg	-
	420915	250	150	90	45	30 x 4		3.3 kg	-
C	**38215**	300	200	70	25	25 x 4		2.2 kg	-
D	**40237**	300	200	70	35	25 x 4		2.5 kg	-
E	**420913**	300	200	50	35	25 x 4		1.9 kg	-
F	**420014**	160	75	80	25	28 x 3		0.85 kg	-
G	**476512**	290	150	90	35	30 x 4	235	2.5 kg	Weld or screw (16x23 mm screws)
H	**38220**	150	110	35	15	20 x 3	185	0.3 kg	Weld or screw (7x13 mm screws)
	38221	170	120	45	21	20 x 3		0.5 kg	Weld or screw (7x13 mm screws)
	38222	210	160	90	30	20 x 3		2.2 kg	Weld or screw (11x15 mm screws)

A

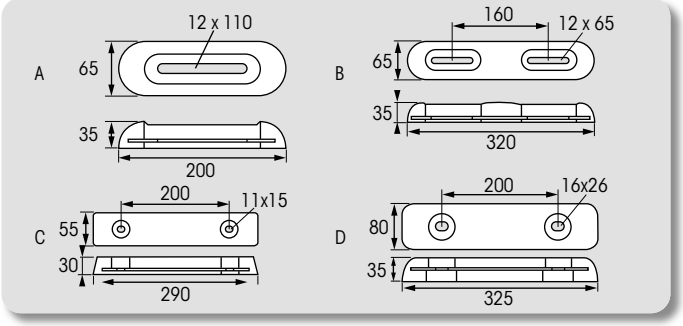
C

B

D

Bolt-on anodes

	Ref.	Boat	Weight
A	**38268**	Fairline	1.2 kg
B	**38270**	Fairline	2.4 kg
C	**38269**	-	3 kg
D	**40282**	-	5 kg

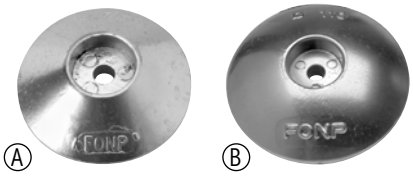


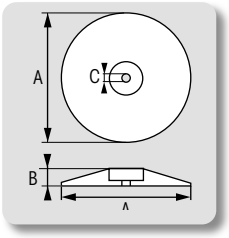
Zinc anodes for rudders, flaps, transoms

Zinc*
Sea water

*Compliant with MIL-A-18001K

Dimensions in mm

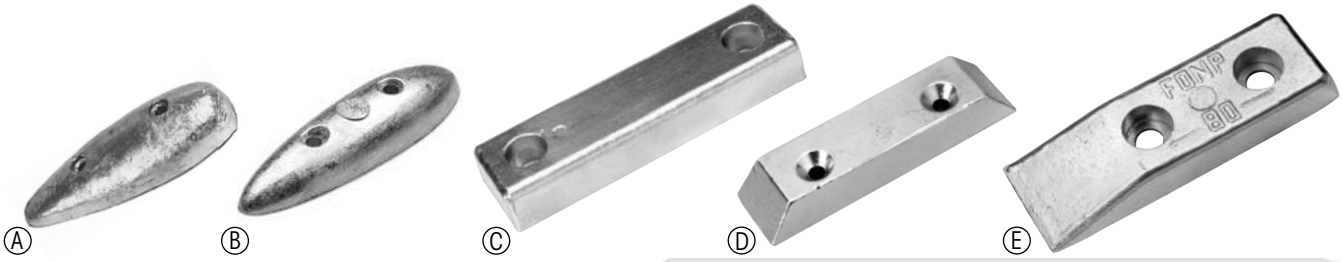


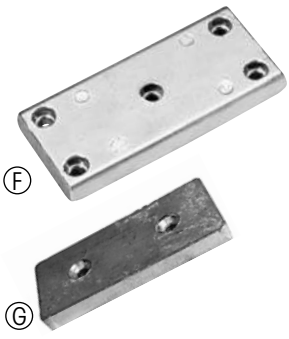


Disc anodes

Supplied in pairs with screw.

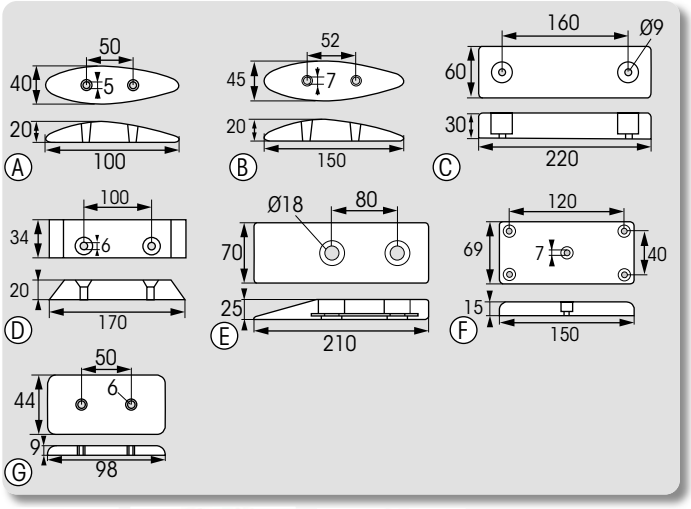
	Ref.	Ø A	B	C
	420601	50	12	8
Ⓐ	**38223**	70	17	8
	38224	90	20	8
	53051	110	25	10
Ⓑ	**420011**	125	22	10
	420621	140	26	12





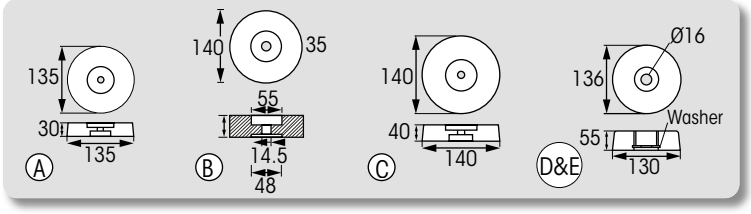
Trim tab anodes

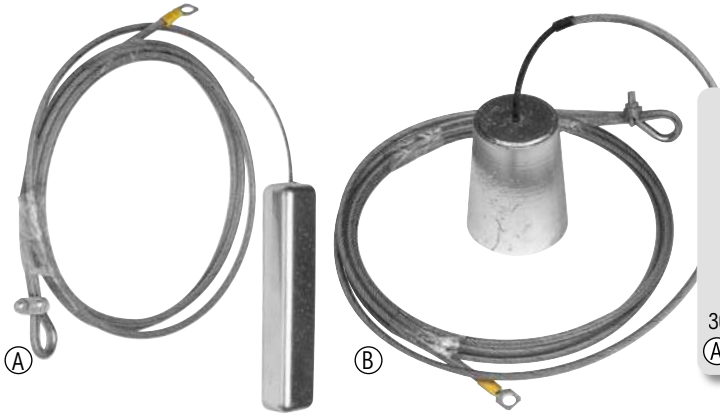
	Ref.	Boat	Weight
Ⓐ	**420701**	-	0.260 kg
Ⓑ	**420702**	-	0.550 kg
Ⓒ	**420140**	Riva	2.8 kg
Ⓓ	**420708**	Saipem	0.6 kg
Ⓔ	**476510**	-	2 kg
Ⓕ	**38265**	-	0.9 kg
Ⓖ	**420703**	-	0.290 kg

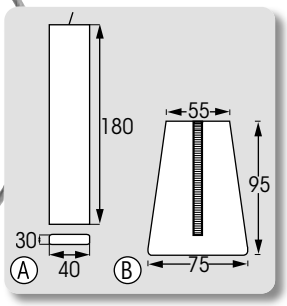


Anodes for transom

	Ref.	Boat	Weight
Ⓐ	**420909**	-	2.5 kg
Ⓑ	**420911**	-	3.4 kg
Ⓒ	**420902**	-	3.2 kg
Ⓓ	**420907**	-	4.5 kg
Ⓔ	**420908**	Complete set	4.5 kg







Hanging anodes

A. Ingot anode + 2 m st. steel cable
38266 Weight 1.4 kg.
B. Conical anode + 4 m st. steel cable
38267 Weight 2.3 kg.
Cable features PVC sheath.
Earthing connector included.
Hanging anodes (or mooring anodes) should be brushed at regular intervals for optimum performance.

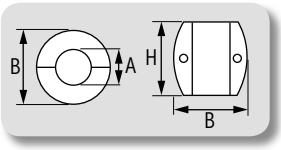
Zinc anodes for shafts

Dimensions in mm

Zinc*
Sea water

* Compliant with MIL-A-18001K.

Screws included



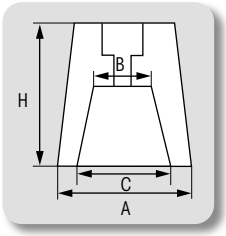
Shaft anodes

Ref.	Ø A	Ø B	H
38225	20	50	47
38226	22	50	47
38227	25	56	56
38229	28	56	56
38231	30	56	56
38232	32	56	56
38234	35	65	67
38235	38	65	67
38236	40	81	83
38238	45	81	83
38239	50	81	83

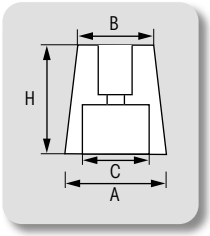
Ref.	Ø A	Ø B	H
38240	55	98	98
38241	60	98	98
420865	65	122	108
420870	70	122	108
38228	1″ (25.4)	56	56
420815	1″1/8 (28.5)	56	56
38237	1″¾ (44.4)	81	83
405434	2″ (50.8)	81	83
405436	2″ ¼ (57.2)	98	98
405438	2″ ½ (63.5)	122	108

Conical

Hexagonal



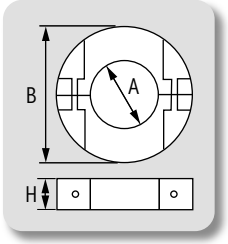
Conical



Hexagonal

Propeller nut anodes

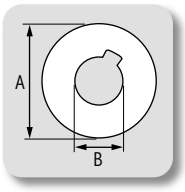
Model	Ref.	Ø shaft	Ø A	Ø B	C	H	Weight
Conical	**38247**	25	32	16	25	39	0.140 kg
	38248	30	44	21	32	52	0.290 kg
	38249	35	44	24	37	52	0.4 kg
	38250	40	49	27	42	65	0.540 kg
	38251	45	59	31	48	74	0.9 kg
	420250	50	73	39	57	84	1.150 kg
	420265	55	73	42	65	85	1.120 kg
	401234	60	82	46	71	95	1.7 kg
Hexagonal	**38252**	22-25	32	26	23	39	0.135 kg
	38253	30	41	30	27	57	0.270 kg
	38254	35	44	38	32	58	0.350 kg
	38255	40	50	41	36	65	0.460 kg
	420204	45	61	-	41	76	0.780 kg
	420205	50	73	-	46	84	0.990 kg
	420206	60	82	-	55	98	1.6 kg



Screws included

Collar anodes

Ref.	Ø A	Ø B	H
38256	20	60	15
38257	22	60	15
38258	25	60	15
38259	30	60	15
38260	35	74	18
38261	40	74	18
38263	50	96	29



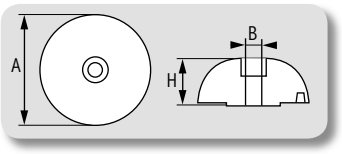
Stainless steel lock ring for shaft

Ref.	Ø shaft	Ø A	Ø B
420210	22-25	38	17
420211	30	46	20
420212	35	51	24
420213	40	54	25

Zinc anodes for propellers

Zinc*
Sea water

* Compliant with MIL-A-18001K.

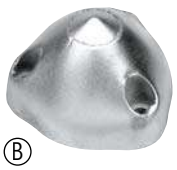


J Prop anodes

Dimensions in mm

Ref.	Ø A	Ø B	H
475663	60	8.5	27
475664	80	10	33

Ⓐ

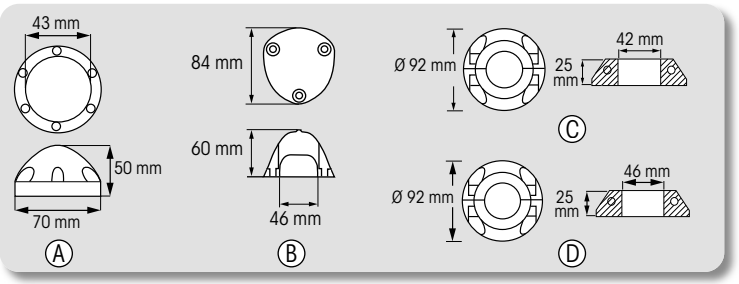


Ⓑ

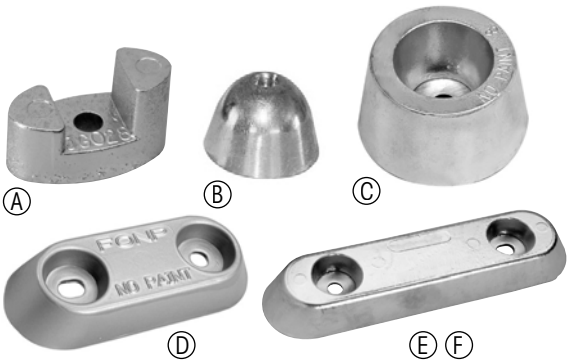
Ⓒ Ⓓ

Max Prop anodes

	Ref.	Model	Weight
Ⓐ	**401237**	Ogive	0.3 kg
Ⓑ	**401245**	Ogive	0.8 kg
Ⓒ	**420807**	Collar	0.560 kg
Ⓓ	**420808**	Collar	0.580 kg



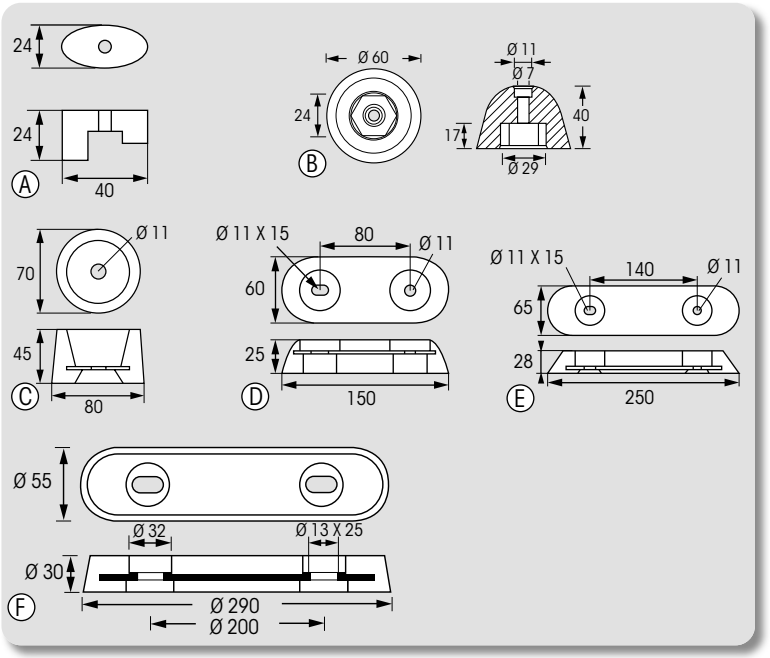
Zinc anodes by brand



Ⓐ Ⓑ Ⓒ Ⓓ Ⓔ Ⓕ

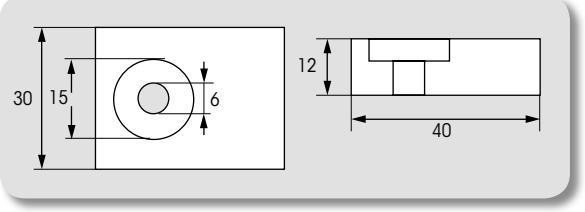
Vetus series anodes

	Ref.	Model	Weight
Ⓐ	**421089**	For bow thruster	0.058 kg
Ⓑ	**420060**	For propeller	0.440 kg
Ⓒ	**421247**	Washer	1.170 kg
Ⓓ	**401794**	Bar	1 kg
Ⓔ	**401949**	Bar	2.4 kg
Ⓕ	**420950**	Bar	2.7 kg



Suzuki

38318
Orig. code: 55320-95310.
Series : 40 -> 115 HP.
Weight : 0.090 kg.



Zinc anodes by brand

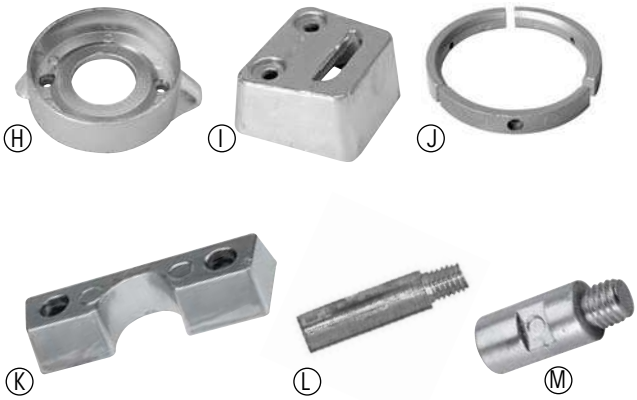
Dimensions in mm

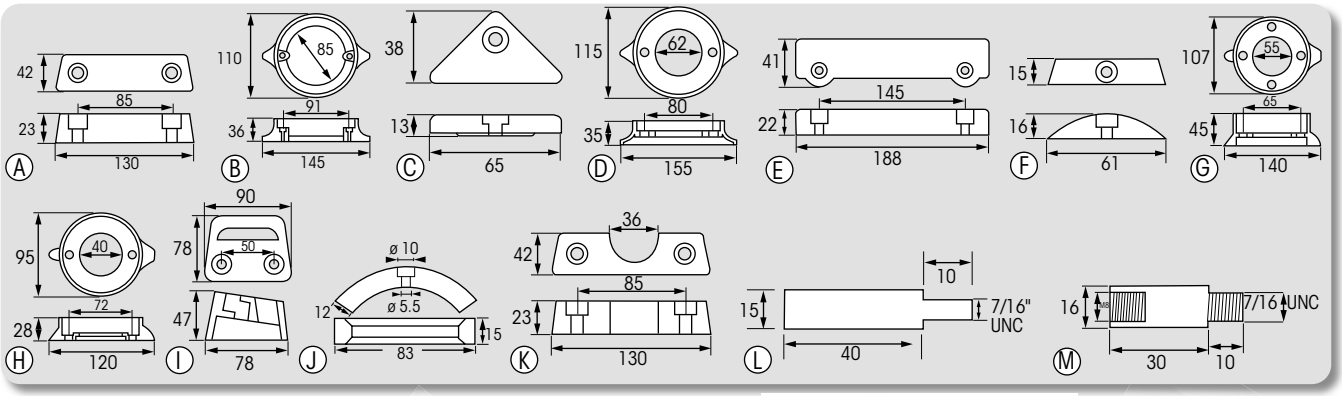
Zinc*
Sea water

* Compliant with MIL-A-18001K.

Volvo Penta

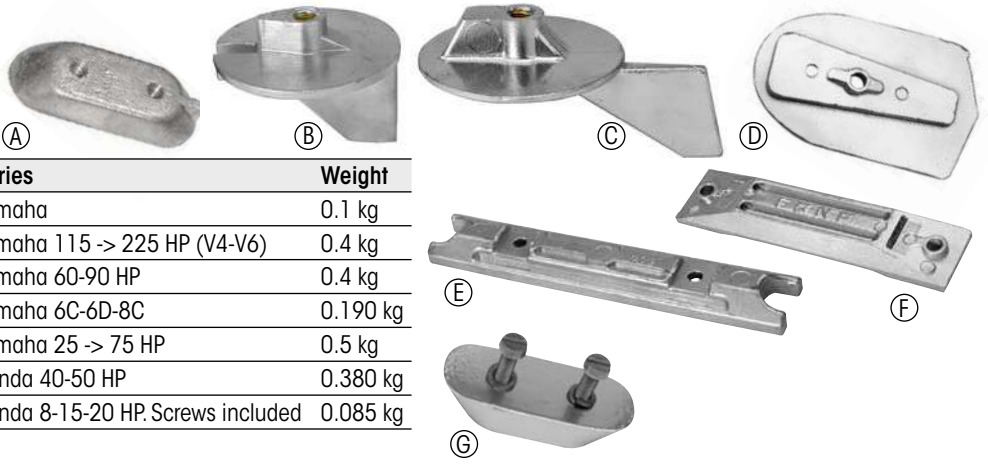
	Ref.	Manuf. code	Series	Weight
Ⓐ	**38302**	852835	Duo Prop	0.850 kg
Ⓑ	**38297**	875821	Duo Prop 290	0.670 kg
Ⓒ	**38303**	872793	Duo Prop 290	0.1 kg
Ⓓ	**38294**	875815	280-290 E Single Prop	0.750 kg
Ⓔ	**47419**	832598	250-270-280-285	0.9 kg
Ⓕ	**38298**	852018	110, 120 S-B, S-C	0.1 kg
Ⓖ	**38295**	875812	S Drive 110	0.960 kg
Ⓗ	**38296**	876286	S Drive 120	0.560 kg
Ⓘ	**38299**	3854130	S Drive - SX Drive	1 kg
Ⓙ	**420996**	3858399	-	0.180 kg
Ⓚ	**38301**	872139	DPX	0.7 kg
Ⓛ	**420503**	-	Pencil anode	0.060 kg
Ⓜ	**39247**	838929	Pencil anode	0.040 kg

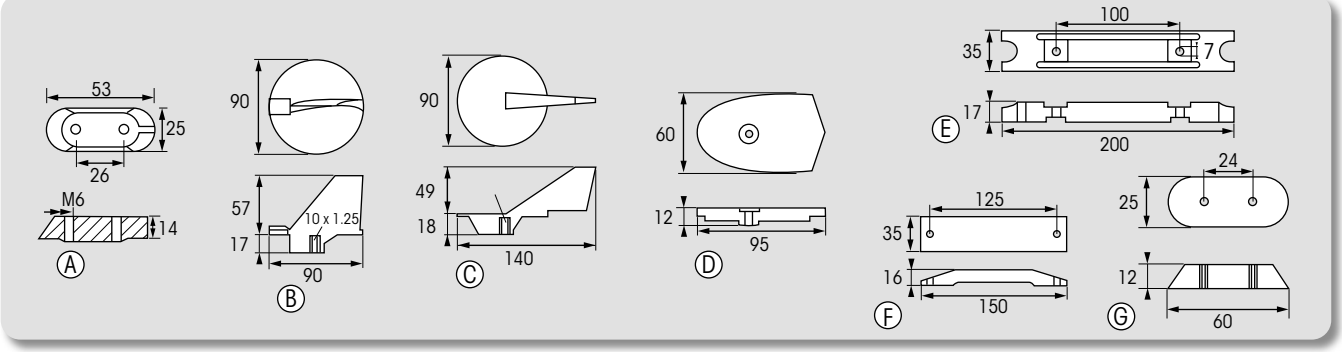




Yamaha - Honda

	Ref.	Manuf. code	Series	Weight
Ⓐ	**420137**	6E0-45251-12	Yamaha	0.1 kg
Ⓑ	**38271**	6E5-45371-01	Yamaha 115 -> 225 HP (V4-V6)	0.4 kg
Ⓒ	**38275**	668-45371-02	Yamaha 60-90 HP	0.4 kg
Ⓓ	**38280**	6N0-65251-00	Yamaha 6C-6D-8C	0.190 kg
Ⓔ	**38281**	6H1-45251-02	Yamaha 25 -> 75 HP	0.5 kg
Ⓕ	**401863**	06411-ZV5-000	Honda 40-50 HP	0.380 kg
Ⓖ	**38324**	411062W-9000	Honda 8-15-20 HP. Screws included	0.085 kg



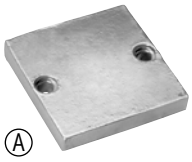


Zinc anodes by brand

Dimensions in mm

Zinc*
Sea water

* Compliant with MIL-A-18001K.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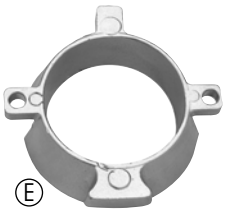
Ⓔ

Mercury - Mercruiser

	Ref.	Manuf. code	Series	Weight
Ⓐ	**38286**	34762	Mercury-Mercruiser	0.270 kg
Ⓑ	**38293**	826134	75 CV - V6 40/50/115 EFI 4T	0.250 kg
Ⓒ	**401030**	806189	Mercruiser Alpha	0.1 kg
Ⓓ	**38288**	43994A2	Mercruiser Alpha II gen	0.850 kg
Ⓔ	**420119**	806105	Mercruiser Alpha One - Alpha II gen	0.235 kg
Ⓕ	**420118**	806190	Mercruiser Bravo	0.335 kg
Ⓖ	**38292**	818298	Mercury DA 40 HP to V6 135/150/175 Verado	0.590 kg

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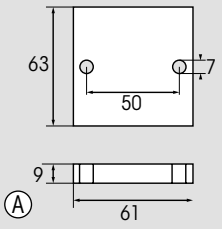

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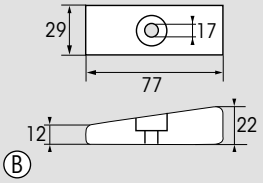

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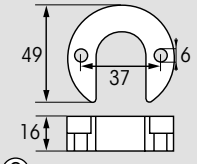

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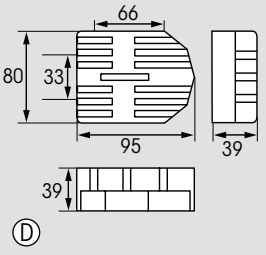

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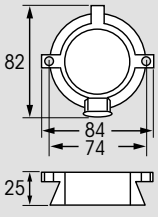

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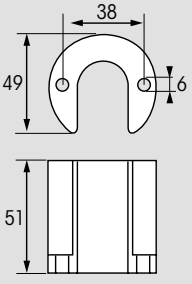

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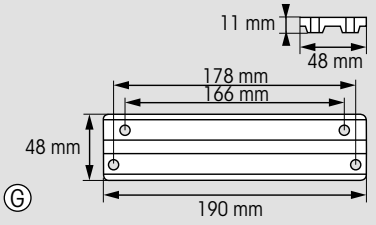

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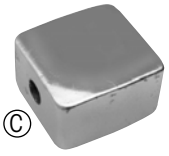
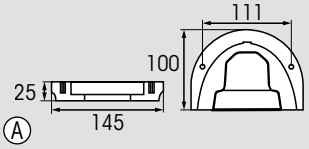

Ⓒ

BRP Bombardier OMC - JOHNSON - EVINRUDE

	Ref.	Manuf. code	Series	Weight
Ⓐ	**38307**	984513-3853818	Cobra. Screws included	0.950 kg
Ⓑ	**38311**	173029-123009-327606	Johnson 2 -> 150 HP. Screws included	0.1 kg
Ⓒ	**38313**	393023-436745	OMC 50-60-70-90-140 HP. Johnson 50-115-120-140 HP. Evinrude 50-140-200 HP.	0.6 kg



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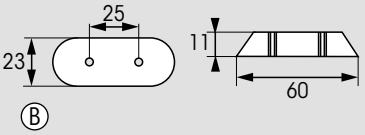

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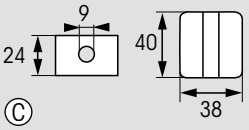


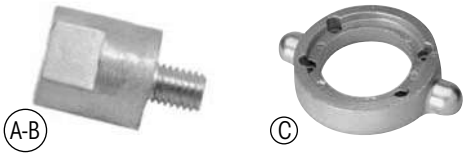
Ⓒ

Zinc anodes by brand

Dimensions in mm

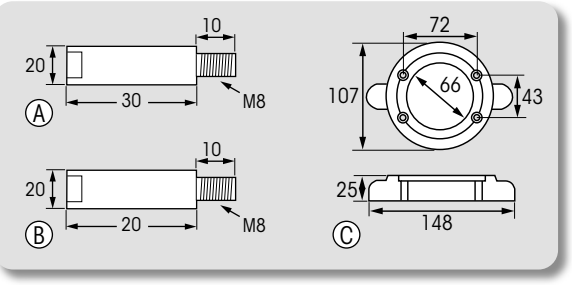
Zinc*
Sea water

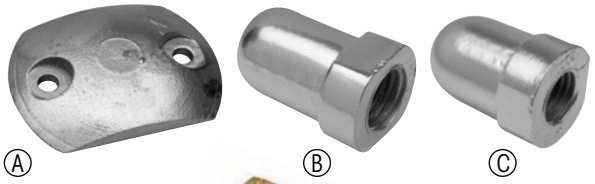
* Compliant with MIL-A-18001K.

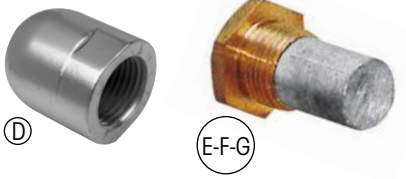


Yanmar

	Ref.	Manuf. code	Series	Weight
Ⓐ	**38330**	27210-200300	-	0.050 kg
Ⓑ	**38331**	27210-200200	-	0.070 kg
Ⓒ	**38334**	196420-02652	SD 20-30-40-50-60	0.8 kg

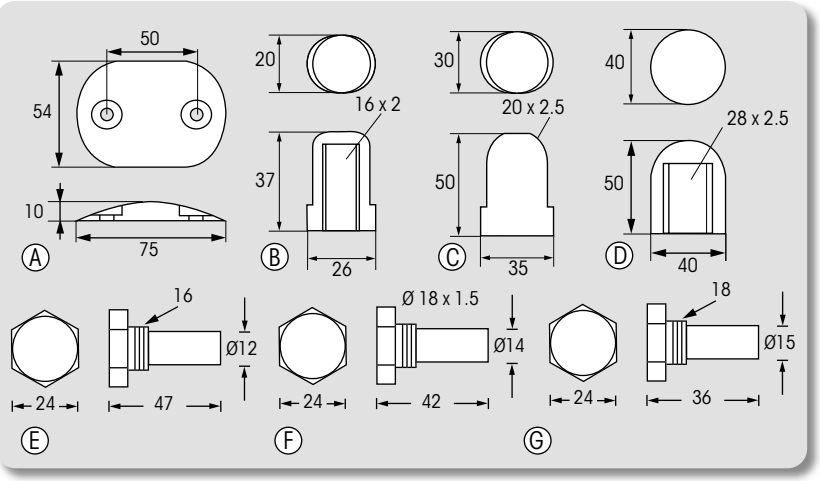


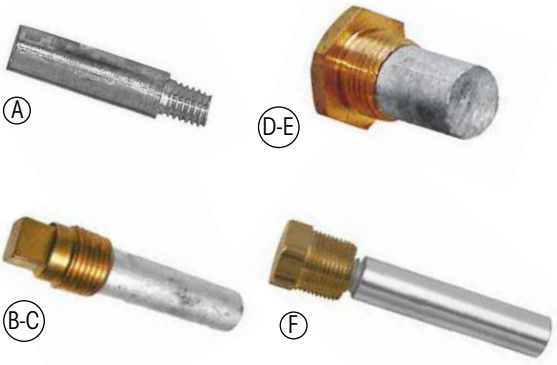


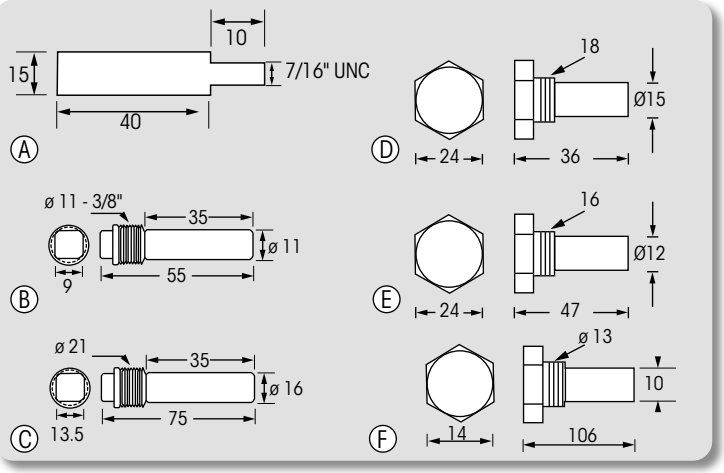


Renault Marine C

	Ref.	Manuf. code	Weight
Ⓐ	**38327**	Rudder blade plate	0.170 kg
Ⓑ	**38244**	Nut - Shaft Ø 22/25	0.1 kg
Ⓒ	**38246**	Nut - Shaft Ø 28/34	0.180 kg
Ⓓ	**38245**	Nut - Shaft Ø 40	0.250 kg
Ⓔ	**420562**	Ø 12 Plug	0.050 kg
Ⓕ	**401097**	Ø 14 Plug	0.070 kg
Ⓖ	**420560**	Ø 15 Plug	0.060 kg







Pencil anodes - other brands

	Ref.	Model
Ⓐ	**420175**	Pencil anode alone - CUMMINS - Orig. code 8517474
Ⓑ	**420541**	Pencil anode complete with plug - CATERPILLAR-FORD-ONAN
Ⓒ	**420548**	Pencil anode complete with plug - CATERPILLAR - CUMMINS - GENERAL MOTORS
Ⓓ	**420560**	Pencil anode complete with plug
Ⓔ	**420562**	Pencil anode complete with plug
Ⓕ	**420559**	Pencil anode complete with plug

PLASTIMO Antifouling

A high performance range, small enough to facilitate your choice, yet diversified to answer all your needs :

- Plastimo antifouling paints have a good compatibility.
- Easy to apply, they do not require any elaborate surface preparation and produce a superb glossy finish combined with exceptional protection.

Selecting the right antifouling is essential, as it contributes to optimising your sailing, whatever the conditions : antifouling must be adapted to your boat, your navigation programme and mooring area.

Plastimo antifouling :
Making your choice is easy,
protecting your hull is gratifying.

	CLASSIC	PERFORMANCE	RACING
Features	**Hard antifouling.**	High performance, **gradual polishing.**	Ultimate performance, **self-polishing**, very bright colours.
Recommended for	Moderate fouling areas. **Sail & Powerboats.**	High fouling areas. **Sail & Powerboats.**	Very high fouling areas. **Racing sailboats & fast motorcruisers.**
Holding power	Resists up to 70 knots and drying berths/stranding.	Resists up to 40 knots and drying berths/stranding.	Resists up to 40 knots and drying berths/stranding.
Compatibility	Good.	Good.	Good.
Hull	Polyester, wood & steel.	Polyester, wood & steel.	Polyester, wood, steel & **aluminium**.
Suitable for fresh water	✔	✔	✔✔
Suitable for mud berths	✔	✔	✔✔
Colour			

✔ : Good selection
✔✔ : Better selection

Colours as a guide only, as accurate as printing variations permit.
Shades may vary slightly from the actual product. The manufacturer cannot be responsible for slight deviations.

Preparation and priming for paintwork below the waterline : see our technical sheet on plastimo.com

Compliant with current regulation

Performance antifouling

Gradual polishing with controlled depletion.
For sail and power boats, up to 40 Knots.

- For polyester, steel and wood hulls (do not apply on aluminium).
- Smooth aspect and excellent glide ration, reduces friction and contributes to save fuel.
- Suitable for drying berths.
- Can be applied over standard antifoulings.
- Heavy fouling areas.
- Coverage ratio 8.80 m² / Litre.
- Temperature during application : +5° to +20°C.

Wait 2 ½ hours before overcoating and 4 hours before launching.

Colour	0.75 L	2.5 L	5 L
Grey	65440	65441	65442
Blue	65443	65444	65445
Navy	65446	65447	65448
Black	65449	65450	65451

Contains cuprous oxyde and zyneb.

Antifouling are dangerous classified products. Use biocides with care. Always read the label before use for information on the product. Follow carefully the instructions for use.

What does compatibility mean ?

A compatible paint can be applied over another, without any defects showing through immediately, nor at a later stage.

Plastimo antifouling paints are chemically and mechanically compatible with the vast majority of tin-free antifouling, provided that the surface preparation instructions are strictly respected.

Classic Antifouling

Hard antifouling.
For sail and powerboats, up to 70 Knots.

- For polyester, steel and wood hulls. (Do not apply on aluminium).
- Suitable for drying berths.
- Can be applied over standard antifoulings.
- Moderate fouling areas.
- Coverage ratio 10 m² / Litre.
- Temperature during application : +5° to +20°C.

Wait 2 ½ hours before overcoating and 4 hours before launching.

Colour	0.75 L	2.5 L	5 L	20 L
Red	65428	65429	65430	-
Blue	65431	65432	65433	-
Navy	65434	65435	65436	65468
Black	65437	65438	65439	65469

Contains cuprous oxyde.

Antifouling are dangerous classified products. Use biocides with care. Always read the label before use for information on the product. Follow carefully the instructions for use.

Preparation and priming for paintwork below the waterline : see our technical sheet on plastimo.com

Primers and Thinners

Primers
Fast drying.

	Colour	Capacity	Ref.
Underwater primer	Silver grey	0.75 L	65551
		2.5 L	65552
Epoxy primer	Silver grey	1 L	65553

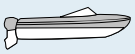
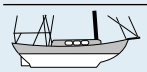
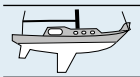
	Epoxy	Underwater
Features and recommended use	Use below and above waterline. High performance protection of all rigid surfaces + protection from abuse and abrasion.	Use below waterline. Acts as an insulation coat between two different paints. Improves adhesion on a surface with a previous coat or on an antifouling in poor condition.
Polyester	✔✔	✔✔
Wood	NO	✔✔
Steel, ferro cement & aluminum	✔✔	✔
Osmosis prevention	✔	NO

✔ : Good selection
✔✔ : Better selection

Thinners

Antifouling thinner	Epoxy thinner
1 L : 65554	**1 L : 65556**
Thinner suitable for Plastimo antifoulings and Underwater primer. Also recommended for cleaning tools.	Thinner suitable for Plastimo Epoxy primer. Also recommended for cleaning tools and degreasing the surface.

Indication (in litres) of average quantities required for 2 coats of antifouling

Type of boat	Feets / Metres	Length at waterline: 20 / 6	25 / 7.5	28 / 8.5	30 / 9	33 / 10	35 / 10.7	38 / 11.5	43 / 13	48 / 14.5
		2.75 L	4.5 L	5.75 L	6.5 L	8 L	9 L	10.5 L	13.5 L	16.75 L
		3.25 L	5 L	6.25 L	7 L	8.75 L	9.75 L	11.5 L	14.75 L	18.25 L
		2.25 L	3.25 L	4.25 L	5 L	6 L	6.25 L	7.5 L	8 L	9.5 L

Horizon oilskin :
the perfect protection for
refit and boat maintenance !
See page 116

Preparation and priming for paintwork below the waterline.

✔ : Good selection
✔✔ : Better selection

Substrate	Polyester		Wood	Surface with previous antifouling coat	Steel, ferro cement & aluminum	
	High-pressure wash (3000 psi/211 bar) to eliminate salt and dust.					
Surface preparation	Remove any mould-release wax, grease or traces of antifouling : clean thesurface with a circular motion, using a clean absorbant cloth soaked with Thinner E. Turn cloth over and repeat treatment on the same surface. Change cloth every 2 to 3 m². Wet sand lightly (180 – 240 grade).		Sand down with 180 to 240 wet sanding paper. Remove dust with a hard brush.	If surface is in poor condition, strip as much of existing paint as possible. Remove any loose paint with a scraper and a hard brush and high-pressure wash. Wet sand with 180 – 240 grade paper.	✔ Wet sand with 180 – 240 grade paper and wipe with Thinner E.	✔✔ Dry sand manually or mechanically (SA 2.5 disc).
	Rinse with fresh water and allow to dry.				Dust thoroughly.	
Primer	✔ Apply a coat of Underwater primer as a tie coat for optimum adhesion of subsequent antifouling coats. At 20°C, wait 6 hours before next coat.	✔✔ Apply a coat of Epoxy primer as a tie coat for optimum adhesion and protection from abuse and abrasion. 4 coats are necessary for osmosis prevention. At 20°C, wait 2 hours before next coat of Epoxy primer, 28 days maximum before antifouling coat.	Apply 3 to 4 coats of Underwater primer. At 20°C, wait 6 hours before next primer coat and before antifouling coat.	Apply a coat of Underwater primer to obtain a stable substrate and optimumadhesion of subsequent antifouling coats. At 20°C, wait 6 hours before next antifouling coat.	Apply 3 to 4 coats of Underwater primer. At 20°C, wait 2 hours before next primer coatand before antifouling coat.	Apply 3 to 4 coats of Epoxy primer to obtain aminimum 225 micron thickness. At 20°C, wait 2 hours before next Epwoxy primer coat, 28 days maximum before antifouling coat.
Antifouling	Use masking tape to protect the waterline, sounder transducer, anodes etc… and prevent corrosion from antifouling. Apply 2 coats of antifouling on the hull, plus one extra coat on the rudder blade, the water line and the sharp edges. At 20°C, wait 2 1/2 hours between coats and 4 hours before launching.					

• How much paint to use

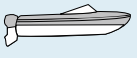
By calculating precisely the surface area to be painted (primer and antifouling), you will determine the quantity necessary to obtain best results and efficiency. The performance of the antifouling results to a large extent from the quantity and the thickness applied (even more so if you have chosen a fast polishing antifouling). In all cases, the total quantity calculated must be applied.

• Calculation of paint quantity

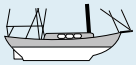
$$\frac{\text{Surface in m}^2}{\text{Coverage ratio in m}^2\text{ / litre}} = \text{Number of litres per coat.}$$

Multiply this result by the number of coats recommended.

• Calculation of the surface to be painted, in m²



(Beam + Draw) x Load waterline = Surface area in m²
(..... + ...) x ..... = ... m²



(Beam + Draw) x Load waterline x 0.75 = Surface area in m²
(..... + ...) x ..... x 0.75 =..... m²

(Beam + Draw) x Load waterline x 0.50 = Surface area in m²
(..... + ...) x ..... x 0.50 =..... m²

Seatouch Marine spray paints

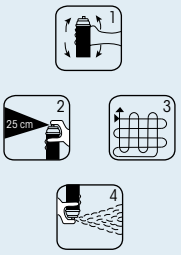
The Seatouch range of spray paints has been specially designed to withstand the harsh marine environment.
Large motors can be painted with Seatouch sprays, containing 400 ml.
Specific features of Seatouch spray paints are :

- Large area coverage : 400 ml cover 1.5 to 2 sq.m.
- Perfect gloss.
- "quick-dry" (motor can be used after 20 min., in a 20°C environment).
- Excellent compatibility (cellulosic, acrylic, polyurethane base paints).

Motor spray paints

The Seatouch touch-up paints provide efficient protection to your motor-outboard or in-board- restore it to like new appearance and prolonge the motor lifetime. Never apply on the immersed part of the engine if you plan to apply Plastimo 1.4 antifouling at a later stage.

Engine	Ref.	Model
Outboard	**18300**	Johnson white (72+)
	18303	Johnson white (91+)
	18305	Mariner metallic grey (86+)
	18317	Honda grey (88+)
	29456	Yamaha metallic grey/blue (94+)
	59338	Evinrude blue (95+)
	59340	GM metallic grey
	59342	Mercury metallic black
	59343	Suzuki metallic grey (91+)
Inboard	**18323**	Perkins blue (83+)
	18324	Perkins blue (87+)
	18328	Volvo aqua green (72+)
	18329	Yanmar metallic green (74 to 86)
	18330	Yanmar metallic grey (87+)
	59344	Caterpillar yellow
	59345	Nanni metallic blue
	59346	Volvo aqua red (72+)
	59347	Volvo Penta green
	59351	Volvo Duo Prop grey base



Shake well before and during use (1 minute). Avoid working in sun or wind.

Spray in regular inverted layers, holding the can 25 cm max. away from the surface to be painted.

After use, turn the can upside down and empty the valve.

In a 20°C environment, allow 15 to 20 minutes between 2 coats, and 20 hours to dry completely.

Ref.	Description
59348	RAL 9010 glossy white
59349	RAL 3001 signal red (signalling and safety)

Multi-purpose paints

For all touch-ups on wood, metal, polyester supports.

Colour	Ref.
Matt black	**18339**
Glossy black	**18340**
Matt white	**18342**
Glossy white	**18341**

Primers

Product	Ref.	Colour	Features
Rustproof primer	**59337**	Brown red	High performance anti corrosion undercoat.
Primer for touch-up paint	**18343**	Grey	Use an undercoat. It improves the application of the Seatouch spray paint, prolongs its lifetime and enhances its perfect glossy finish.
Zinc chromate primer	**59336**	Yellow	Use as an undercoat. It improves the application of the spray paint on non-ferrous metal alloys (ex : aluminium alloys).
Primer for aluminium protection	**18344**	-	Unprotected aluminium corrodes very rapidly ; Seatouch primer protection should be applied immediately after a shock or a scratch for optimum protection, as an undercoat before touch-up paint, or before any application of Plastimo 1.4 onto surfaces remaining underwater.

Multi-purpose paints

Product	Ref.	Colour	Features
High temperature paint	**18338**	Satin black	Ideal for exhaust valves/pipes. Resists heat up to 800°C. For a perfect result, make sure that the metal surface is scraped clean and absolutely greasefree.
High temperature paint	**59334**	White	Ideal for exhaust valves/pipes. Resists heat up to 800°C. For a perfect result, make sure that the metal surface is scraped clean and absolutely greasefree.
Paint for fuel tank	**18337**	Red	Paint that resists hydrocarbons. Ideal for fuel tanks (diesel/petrol).
Cold galvanizing paint	**59335**	Grey	Touch up paint for parts with original galvanizing. Can be used on small parts as a cold galvanizing paint.

Wood care

Teak Wonder

Teak whitener and brightener. Eliminates the grey aspect of weathered teak on your deck and restores the golden colour of new teak. The treatment only takes a few minutes and, unlike sanding, does not remove any of the wood. Its components are neither aggressive nor caustic, and do not damage rubber, paint, varnish or hardware.

Model	Capacity	Ref.
Teak Wonder combi-pack	950 ml	**413294**
Cleaner	3.78 L	**419321**
Brightener	3.78 L	**419320**

Teak Wonder Dressing-Sealer

Allows teak to keep its golden appearance without daily washing with fresh water. Silicone based. It fills the wood pores, preventing penetration of dust and grime responsible for darkening the wood. Protects wood from ultraviolet rays causing oxidation and discolouration. Slows down the penetration of oil, fuel, fish blood, etc. No unpleasant odours, does not become shiny, slippery or sticky, dries quickly, does not burnish or whiten.

Model	Capacity	Ref.
Teak Wonder Dressing-Sealer	950 ml	**413803**
	3.78 L	**404828**

Plastic repair & filling

Finishing filler

BPO hardener included.

Application	Colour	Contents	Ref.
Above the water line	White	500 g	**414355**
Below the water line	Beige	500 g	**414336**

Lamination resin

For coating and casting.
Pre-accelerated impregnated resin + MEC hardener.

414325 : 500 g
414324 : 1 kg

Multi-purpose repair kit

422067

Suitable for polyester, wood, stone, metal sheet, polystyrene, ABS and PVC.

- 250 g resin can.
- 20 cm^2 fibre glass sheet.
- Hardener.

Polish

422061

Polish with protective wax for use on plastic, stainless steel, lacquered metal, varnished wood. Anti-static.

Polyester filler

Polyester compound, fibre-glass reinforced. Suitable to fill holes and cracks from 1 to 8 mm.
Use with BPO hardener (included).

409005 : 400 g

Surface preparation and protection

Masking films

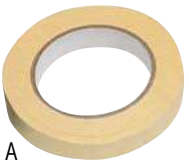
Film dimensions : 55 cm x 33 m.

	Ref.	Description
A	**63639**	Dispenser including a masking film roll (plastic film + adhesive tape). Protects all surfaces during maintenance and painting works.
B	**63640**	Refill roll of masking film.

A

B

Masking & adhesive tapes


A

B

C

	Use	Description	Colour	Ref.	Length	Width	
A	Inside	Smooth masking tape. For paints and gloss paints.	Beige	**49327**	50 m	25 mm	9
				30024	50 m	30 mm	8
B	Outside	Long-lasting masking tape. Can be left in place up to 1 month. UV-resistant.	Blue	**63638**	25 m	25 mm	1
C	Outside	Polyethylene multi purpose tape : repair, protection, waterproofing, strengthening... UV and weather-resistant.	Grey	**49325**	25 m	50 mm	1

A B

Fibreglass cloth

	Model	Ref.	Type
A	1 m² fibreglass : non woven, smooth aspect.	**409019**	300 g/m²
		409006	450 g/m²
B	1 m² Roving® fibreglass : extra-resistant woven fibre.	**422063**	160 g/m²
		422312	300 g/m²

Sanding block

63643

Self-adhesive block, for 72 x 123 mm sanding sheet.

Abrasive sponges

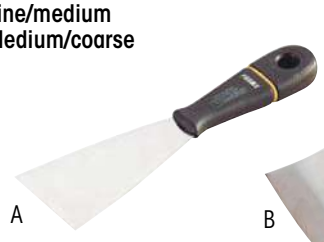
Double-sided sponge, adapts to the shape of the surface (wood, metal, plastic). Water washable.

63648 : Fine/medium
63649 : Medium/coarse

Wet/dry sanding sheets

63647

Latex waterproof paper. 28 x 23 cm. 3-sheet assortment : Grit 120, 240 + 400.


A

B

C

Sanding paper

Anti-clogging paper. 72 x 123 mm sheet. Weight 220 gr/m². For wood, varnish, plastic, paint, polyester.

63644 : grit 40
63645 : grit 80
63646 : grit 120

Filling knives and scrapers

	Ref.	Model	Description	Dimensions
A	**423133**	Stainless steel knife	Tempered stainless steel blade, mirror polished. Ergonomic polypropylene handle.	40 mm
B	**424231**	Cooper scraper	Ideal for deck and hull.	60 mm
C	**423127**	Skarsten scraper	For wood preparation. Steel blade can be sharpened.	35 mm

Painting tools

TBS 21 adhesive anti-slip decking

See adhesive anti-slip decking page 258

Comfortable and highly resistant to accommodate heavy traffic areas.
Elastomere aggregate of polyurethane bonded on a non-woven film of rotproof polyester.
Stretching capacity : 40 % until breaking point.

Colour	Ref.	Width	Length
White C11	**418226**	25 mm	10 m
	418227	40 mm	
	417326	100 mm	
Black C08	**477692**	40 mm	
	477693	100 mm	
Express grey C10	**414211**	25 mm	
	414213	40 mm	
Pearl grey C23	**477695**	40 mm	

Flat paintbrushes

Mix of natural & synthetic bristles.
White steel ferrule.
Natural wooden handle. 6

Ref.	Bristles length	Width	Thickness
30021	44 mm	30 mm	7 mm
30022	44 mm	40 mm	8.5 mm
30023	50 mm	50 mm	9.5 mm
49305	50 mm	60 mm	10 mm

Rollers 110 10

A

B

C

D

E

	Use	Ref.	Material	Mounting	Features
A	**Gloss paints and varnish, alkyd paints**	**419215**	Polyester	Clip	High density polyester foam. 2 rounded edges
B	**Gloss paints and varnish, alkyd paints**	**49314**	Wool	Clip	4 mm piles. Smooth finish.
C	**Acrylic gloss paints**	**49315**	Foam	Clip	High density flocked foam. 2 rounded edges
D	**Alkyd paints**	**30019**	Polyamide	Clip	12 mm polyamide piles. Yellow stripes. Non-drip. Gives a grained texture. Good covering power.
E	**Alkyd paints**	**403097**	Polyamide	Clip	Ø 30 mm. 12 mm polyamide piles. Yellow stripes. Non-drip. Gives a grained texture. Good covering power.

Frames for 110 rollers

For 110 & 150 mini-rollers.
Plastic grip. Ø 6mm rod.

Ref.	Description	Mounting	
418218	Roller frame - 400 mm handle	Clip	1
30020	Roller frame - 550 mm handle	Clip	10

Illustrated model :
complete kit (roller + frame)

Plastic bucket

30026 5

Plastic bucket with metal handle.
Capacity : 7 litres.
Dimensions : 250 x 180 x 185 mm.

Paint tray

30025 5

Polypropylene paint tray.
Inside dimensions : 210 x 290 mm.

Most efficient on jet skis and RIB's when beaching.

Keelshield, keel wear pad

Keelshield® is a high quality rugged shield made of pure urethane polymers, which provides efficient and durable protection for your bow and keel from abrasion, scratches and scars (against pontoons, buoys, floating objects, rocks...).

Suitable for polyester and aluminium hulls.

Comes as a 125 mm (5") wide roll with exclusive 3M adhesive system. Keelshied® wear pad durability combined with high quality 3M adhesive allow to claim a **LIFETIME WARRANTY**.

Length \ Colour	White	Black	Light grey	Dark grey
4 ft - 1.22 m	**64541**	**64550**	**64559**	-
6 ft - 1.83 m	**64543**	**64552**	**64561**	**65763**
8 ft - 2.44 m	**64545**	**64554**	**64563**	**65764**
10 ft - 3.05 m	**64547**	**64556**	**64565**	-

Installing Keelshield® is an easy DIY job : all you need to do is cut the pad at the required length to protect the chafing area (keel, bow, area around the motor). Keelshield® is ideal on painted hulls provided they are in good condition. Equally suitable on aluminium hulls (except on some knife-like hull shapes).

Anti-slip decking

PROOPLE
Solutions d'antidérapant et d'accessibilité au sol
Anti-slip and ground Safety Solutions

Equally suitable for indoor and outdoor applications.
Prevents nasty slips and trips when manoeuvring or moving about the deck.
Shockproof and abrasion resistant.
Withstands extreme temperatures : -30° to +80°C.

Apply on a smooth, clean, greasefree and dry surface in an ambient temperature of 15°C minimum.

Model	Use	Thickness (mm)	Weight	Slip resistance ratio (NF P 98831-4)	
				Dry deck	Wet deck
TBS 10	Light traffic area	1	600 g/m²	0.91	0.55
TBS 16	Conformable	1.6	2.4 kg/m²	0.99	0.67
TBS 21	Heavy traffic area	2.1	2.5 kg/m²	1.12	0.67

TBSafe 10 adhesive anti-slip decking

Recommended for light to medium traffic areas.
Elastomere aggregate of high anti-slip polyurethane, bonded on a strong adhesive backing.

Colour	Ref.	Width	Length
Black C08	**470951**	25 mm	10 m
	470952	50 mm	

TBSafe 16 adhesive anti-slip decking

Flexible and conformable. Ideal for undulating or restricted areas.
Elastomere aggregate of high grade flexible polyurethane.
Stretching capacity : 75 % until breaking point.

Colour	Ref.	Width	Length
White C11	**421839**	320 mm	10 m
	403940	40 mm	1.50 m
Black C08	**403975**		
Express grey	**403938**		
Blue C05	**403937**		

TBSafe 10 adhesive anti-slip decking

Comfortable and highly resistant to accommodate heavy traffic areas.
Elastomere aggregate of polyurethane bonded on a non-woven film of rotproof polyester.
Stretching capacity : 40 % until breaking point.

Colour	Ref.	Width	Length
White C11	**418226**	25 mm	10 m
	418227	40 mm	
	417326	100 mm	
Black C08	**477692**	40 mm	
	477693	100 mm	
Express grey C10	**414211**	25 mm	
	414213	40 mm	
Iceberg	**70953**	40 mm	

Bands TBSafe 10

Dim. 40 x 350 mm.
Bag of 6
- White **70941**
- Black **70942**
- Sand **70943**
- Gray **70944**

Dim. 40 x 430 mm.
Bag of 4
- White **70945**
- Black **70946**
- Sand **70947**
- Gray **70948**

Black speed Grip adhesive anti-slip foam

- **470956** : 10 x 140 cm.
- **470957** : 30 x 140 cm.

Ultra lightweight, specifically developed for bare, uncluttered decks (dingies, small sportsboats) or catamaran gunwales.
Self-adhesive foam, 2 mm thick sheets.
Density : 0.24 g/cm³
Hardness : 48 shore A
Elongation : 24 kg/cm²
Stretching capacity : 180 %
Not suitable for rotomoulded polyethylene or polypropylene.

Anti-slip deck sheets

90 x 128 cm sheets.

Colour	Ref.
White C11	**414351**
Express grey C10	**414215**
Ivory white C06	**414371**
Sand C04	**414349**
Blue C05	**414350**
Iceberg	**70954**

Speed Grip x 4

70949
Colour Black.
Dimensions : 59 x 237mm

Speed Grip plate x 2

70951
Colour Black.
249 x 285 mm

Speed Grip plate x 2

70952
Colour Black.
Dimensions : Ø 150 mm

Speed Grip x 2

70950
Colour Black.
150 mm x 285 mm

Boat care accessories

Blue Python stretch water hose

2500080

The stretch water hose Blue Python is a lightweight accessory, compact and perfect for easy storage : it won't tangle, kink or twist.
Expands up to 3 times its original length with water on and comes back and retracts to original length after use (7.5 m).
Rugged design features 3-layer construction : outer covering (5000 deniers) knitted braiding and latex twin layer inside tube.

- Max. length : 22.50 m.
- Withstands high pressure in marinas up to 10 bar.
- Weight : 600 g.
- Comes complete with a male/male connector, a universal 1/2" and 3/4" tap connector and an 8-way adjustable spray nozzle.

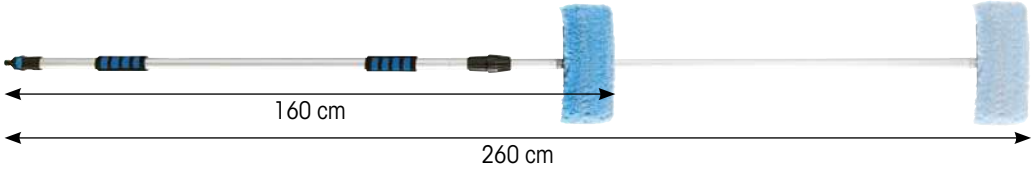
The washdown winning pair is the Aquablue deck brush combined with the Blue Python hose.

On-Off switch to monitor the water flow.

Aquablue telescopic deck brush

67901

Combines a 5-sided original brush head and a flow-through telescopic pole.
The telescopic pole (extends from 125 to 250 cm) allows you to reach all parts of the boat virtually effortless, including when the boat is on dry dock.
Aluminium end fitting for extra lifetime : Ø 26-30 mm.
5-sided synthetic bristle brush, 30.5 cm long.
Does not scratch the deck nor the acrylic glass.
Weight : 1.2 kg.



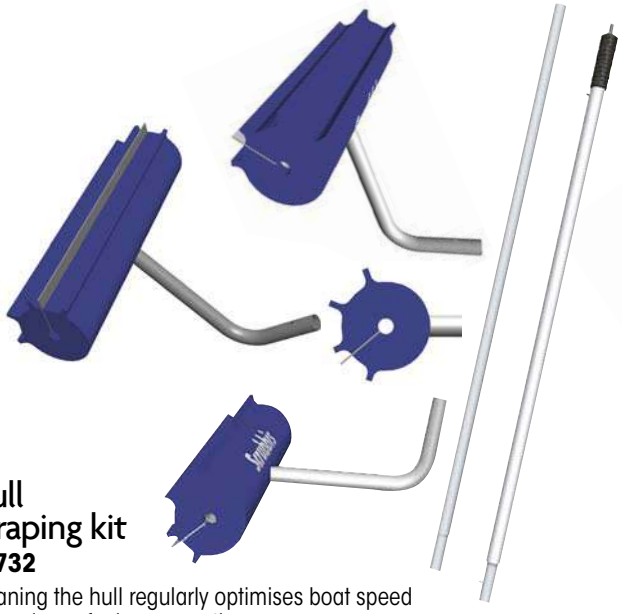
Silicone collapsible bucket

2215627

Capacity : 7.2 L.
Top Ø 29 cm, bottom Ø 17.5 cm.
Height when deployed 19.5 cm.
Height when collapsed 5 cm.
Weight : 850 g.

Washdown accessories

The Scrubbis® range is specifically designed for hull and deck cleaning and offers a variety of possibilities. All you need is a telescopic pole on board which accepts all the cleaning accessories and smart brushes which will accommodate all cleaning configurations.

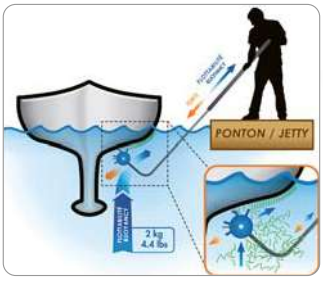


Hull scraping kit
67732

Cleaning the hull regularly optimises boat speed and reduces fuel consumption.
With the Scrubbis® scraping kit, washdown the hull without lifting the boat : the elbow head hugs the hull and can even reach as far down as the keel.

Kit includes :
- 1 cleaning head with 2 kg built-in buoyancy. 9.5 x 40 cm (Ø x W).
- 2 rubber scrapers (hard blade and soft scraper).
- 1 telescopic pole that extends to 2.10 m (the Scrubbis® all-rounder pole).
- 1 anodised aluminium extension pole, 3.20 m long to wash even the keel.
- 1 elbow junction tube.

The whole kit can be disassembled for space saving and easy storage.
Tubes and pipes are compatible with other Scrubbis® accessories.



Option

Spare cleaning head
67734
Spare head features a soft scraper and a hard scraping blade. Dimensions : 9.5 x 40 mm (Ø x W).

Groovy head
67735

Synthetic groovy brush head designed to clean the hull and eliminate advanced fouling and heavy marine growth without lifting the boat.
Dimensions : 11 x 40 cm (Ø x W).
For optimum results, we recommend to use the hull scraping brush first.
Groovy head comes on its own. Scrubbis® telescopic pole or hull scraping kit ref. 67732 need to be ordered separately.

Telescopic pole
2486151

The must-have tool on board to wash deck and hull and make docking easier.
Anodised aluminium telescopic pole, flow-through for easy washdown : it is the all-rounder pole which accepts all Scrubbis® accessories, cleaning and mooring alike.

Length : 1.10 to 2.10 max.
Secure and firm connection with stainless steel spring button when pole is extended to desired length.
Non-skid plastic handle for a very good grip.

DipDeck water container brush
67740

DipDeck water container brush is an eco-friendly way to wash the boat.
Avoid using fresh water : just fill in the tank with sea water to washdown the deck.
Smart and simple : collapsible bellows design for compact storage.

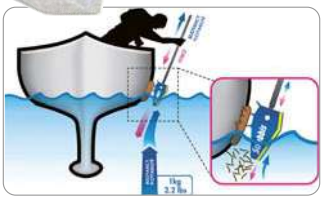
Dimensions : 24 x 13 cm.
Expanded height : 35 cm.
Capacity : 4 litres.
Water container brush comes on its own.
Scrubbis® telescopic pole needs to be ordered separately.

©François Paris - Moteur Boat Magazine

Waterline brush
67733

Specially designed to clean the waterline during the season with no need to dive or lift the boat.
- Blue side : soft fleece to remove dirt and rinse.
- Brush side : scraping surface to clean.

1 kg buoyancy contributes to hull-hugging.
Dimensions : 8 x 20 x 12 cm (Thickness x W x H).
Waterline brush comes on its own. Scrubbis® telescopic pole needs to be ordered separately.



Washing

Collapsible bucket
182510

25 cm diameter collapsible bucket with stainless steel handle. Zippered storage cover. Coated and sealed acrylic fabric.

Quick Dry water blade

Made from soft silicone to avoid scratches. Patented T-bar edge whisking away water in one pass.

• **186707 :** 35 cm - Yellow

Quick Dry blade adapter

186705 : *Adjustable to 180°. Suitable for use with Perfect Pole™.*

Flexi-gel water blade
186708

Same features as the Quick dry water blades but even more flexible with its soft gel handle. Length : 30 cm. Yellow.

Deck brushes

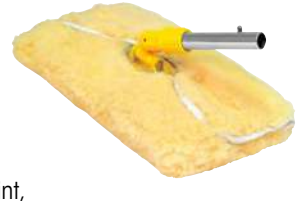
Range of deck brushes adjustable on Perfect Pole telescopic poles. Moulded polyethylene block, not affected by UV, shocks and mildew.

	Ref.	Description	Use
A	**56215***	Extra soft brush	For delicate finishes : paint, fibreglass, gelcoat…
B	**56216**	Soft flagged brush	Suitable for paint and fibreglass. Ideal for covers, awnings, cushions…
C	**56217**	Medium brush	Ideal for non-skid surfaces, covers, awnings, cushions or other textured surfaces.
D	**56218****	Stiff brush	Suitable for heavy duty cleaning and heavily stained surfaces : non-skid and teak decks…

*Not for use with acid or alcohol.
**Safe for use with detergents and mid-acid cleaners.

Uni-snap with synthetic bonnet
186703

Suitable for use with Perfect Pole™. Dual-axis swivel head adjustable to 180° to follow curves and contours. Safe for paint, gelcoat, fibreglass, windows, showers…



Replacement bonnets

•186884 : *synthetic bonnet*

Synthetic wash mitt
187665

Heavy duty synthetic mitt for a gently wash. Oversized, holds plenty of cleaning solution. Elastic cuff and hang tag.

Deluxe watercraft cleaning kit
186721

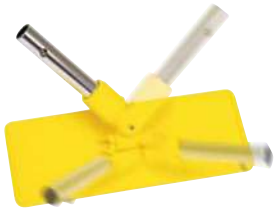
Includes :
- Perfect Pole telescopic handle (ref. 56214),
- Uni-snap with synthetic bonnet (ref. 186703),
- Adjustable water blade adapter (ref. 186705),
- 35 cm Quick Dry water blade (ref. 186707),
- Universal boat hook (ref. 186719),
- Soft flagged brush (ref. 56216),
- Drying mop with strips (ref. 186710).
- PVA cloth (ref. 186711).
- Sheepskin wash mitt.
- Terry micro fiber towel.
- Cleaning set carrying bag.

Scrubbing

Dual-axis swivel plate

186712

Suitable for use with Perfect Pole™. For scrub pads. Dual-axis plate adjustable to 180° to follow curves and contours. Made from ABS. Dimensions : 24 x 9.5 cm (L x W).



SWOBBIT SYSTEM

Non-woven scrub pads

Ideal for cleaning of teak, non-skid and other surfaces. Suitable for use with the Dual-Axis swivel plate. Dimensions : 25.4 x 10 x 2.5 cm (L x W x Thick.).

Ref.	Description
186713	Soft white pad. Comes by 2.
186714	Medium blue pad. Comes by 2.
186715	Coarse brown pad. Comes by 2.

Drying

PVA cloth

186711

Absorbs 5 times its weight in liquids without dripping.
Suitable for use with the Quik Dry water blades.
Not affected by mildew ; machine washable.
Dimensions : 43 x 68 cm (L x w).

A

B

Drying mop with strips

Suitable for use with Perfect Pole™.
For quick and delicate deck, fiberglass or painted surface drying, without fluff or scratches. Not intended for cleaning or scrubbing. Not affected by mildew, cleaning chemicals or fuel.

	Ref.	Description
A	**186710**	Features 2" wide die cut strips for maximum absorbency. Length : 50 cm
B	**186709**	Made in reinforced PVA which absorbs 5 times its weight in liquid. Die cut 1" wide strips.

Microfibre & cloth

Chenille microfibre mitt

186704

Super-soft chenille fibre for gentle cleaning. Holds plenty of soap and water. Size : 23 x 28 cm.
Elastic cuff.

Terry microfibre towels

Pack of 8 : 187629

Designed for multi-purpose cleaning of various surfaces. Can be used wet or dry, without chemicals.
Dimensions : 30 x 30 cm.

Uni-snap with microfibre bonnet

61229

Uni-snap with microfibre bonnet.
Fits all Swobbit poles.

61230

Chenille microfibre replacement bonnet.

Cotton terry towels

Designed for a variety of uses onboard. Extra soft and absorbent, 100% cotton, washable.

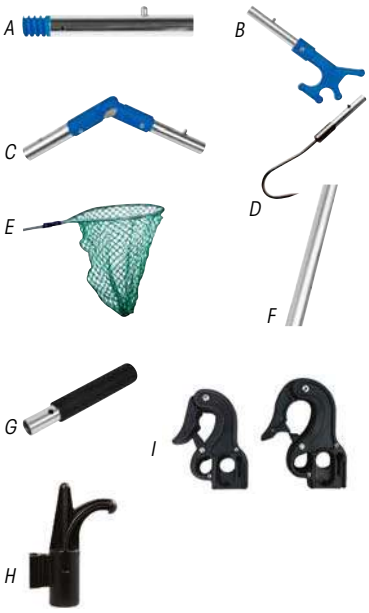
Ref.	Description
186887	Pack of 12
186917	Pack of 3

Poles and accessories

Telescopic Perfect Pole™

Model	Ref.	Length	Features
Standard	**186702**	146 cm	Fixed corrosion-treated anodized aluminium pole. Comfortable hand grip.
Telescopic	**186699**	152 cm - 274 cm	Ergonomic telescopic pole, for quick and easy extending.

Accessories



	Ref.	Description	Features
A	**186716**	***ACME threaded adapter***	*Length : 12 cm.*
B	**186719**	***Universal boat hook***	*Dimensions : 23 x 10 cm (L x w).*
C	**186892**	***180° adjustable angle adapter***	*Length : 26 cm.*
D	**186717**	***Stainless steel gaff hook***	*Designed for light duty use.*
E	**186718**	***Landing net***	*Dimensions : 43 x 68 x 76 cm. Perfect for retrieving overboard items or landing fishes.*
F	**186891**	***Starbrite with Perfect Pole™ adaptor***	*This handy adapter allows Starbrite™ accessories to be used with any of the Swobbit Perfect Poles™. Aluminum.*
G	**187664**	***Hand tool adaptor***	*With a secure foam handle grip, can be quickly attached to Swobbit® brushes, mops, scrub pads, washing tools and quick-drying water blades (equipped with a Uni-Snap™ Adapter). Length : Appox.16 cm.*
H	**2452010**	***Tiggerhook***	*End piece boatbook*
I	**2450122**	***Automatic boathook Handydock Ø rope max 22 mm***	*Designed to make docking safer. Equally suitable to dock in or dock off, even under heavy loads. Fit on Tiggerhook 2452010 - end piece boathook.*
I	**2450133**	***Automatic boathook Handydock Ø rope max 33 mm***	
-	**187669**	***Valco button snap***	*Superior stainless steel replacement button clip to fit to all poles and brushes.*

Personal protective equipment

CE

Disposable protective coverall

30032

1

Hooded coverall. Made of soft and durable polypropylene, it ensures comfort and mobility during messy jobs, maintenance acitivities or site visits... It provides efficient protection against paint splash & dust. Elasticized ankles, wrists and back waist.
Front zipper with chin flap.
Meets EC cat.1 requirements.

FFP1D disposable masks

63641

Application examples : rubble, cellulose handling...

20

FFP2 disposable masks

63642

Original Boat cleaners

PLASTIMO

Widely acclaimed by the car industry for their outstanding efficiency, ABNET products come in a marine version under the brand Original Boat.

Presented as a highly concentrated formula, Original Boat cleaners must be diluted in water and sprayed or applied with a sponge on indoor or outdoor surfaces, in the engine room, in the bilge, on fenders…

MADE IN FRANCE

Classic cleaner

Multi-purpose cleaner and degreaser.

- **Concentrate to be diluted**
  1 L bottle : 68790
  5 L drum : 68789
- **Ready to use (diluted)**
  750 ml spray : 68791

Hull cleaner / brightener

Brightens white colour gelcoat.
Removes yellow hazing and oxidation streaks.

- **Ready to use**
  1 L bottle : 68969
  5 L drum : 68968

TO BE DILUTED

In order to activate most efficiently the active ingredients in the Original Boat and Bio'Clean bottle and drum, the product must absolutely be diluted. Dilute in fresh water with a 5 to 25% ratio, depending on the surface dirt. Does not apply to the hull brightener which is ready for use.

Bio'Clean cleaner

Multi-purpose cleaner and degreaser.

Safe for use on surfaces in contact with food.

- **Concentrate to be diluted**
  1 L bottle : 68971
  5 L drum : 68970
- **Ready to use (diluted)**
  750 ml spray : 68972

BIODÉGRADABLE EN 21 JOURS
BIODEGRADABLE IN 21 DAYS

100 % biodegradable in 21 days
(OCDE-302-B standard).
21 days for concentrated formula,
14 days for ready to use version.

Boat care

Hull & Deck

Instant hull cleaner

1 L bottle : 184083

- No rubbing required.
- Does not contain harmful acids, safe and easy to use.
- Removes stains from water line.
- Excellent for use on fibreglass, metal and painted surfaces.

Non-skid deck cleaner with PTEF*®

1 L bottle : 184127

- Cleans away ground-in dirt and stains.
- Safe to use, contains no harsh chemicals.
- Leaves a protective coating to repel dirt and stains.
- No hard scrubbing or rubbing.
- Will not remove wax or polish.

* PTEF® Star brite® the registered trade mark for polytetrafluoroethylene.

Instant black streak remover

650 ml spray : 184055

- Instantly removes black streaks caused by water run off.
- Safe for use on fibreglass, metal and painted surfaces.
- Can be used for lots of other tough cleaning jobs : recreational vehicles, garden furniture and outdoor equipment, bathrooms, tubs, showers, etc.

Rust stain remover

650 ml spray : 184149

- Easy to use spray-on formula.
- No rubbing or scrubbing required.
- Safe for use on fibreglass, metal and painted surfaces.
- Removes rust drip stains and sprinkler rust deposits.

Cleaners

Inflatable boat & fender cleaner/protector

0.5 L bottle : 184099

- Heavy duty formula removes dirt, grime, scuff marks and oxidation stains.
- Safe for use on all rubber and vinyl surfaces.
- No hard rubbing or buffing required.
- Leaves a tough protective coating.
- Protects against UV rays.

Mildew stain remover

650 ml spray : 184122

- Removes mildew stains on contact.
- Simple spray-on application.
- Use on headliners, vinyl covers, cushions, etc.
- Provides amazing results in minutes.
- Safe for all surfaces : does not weaken fabric or thread.

Polish

Plastic scratch remover

237 ml bottle : 65607

- Removes fine scratches from acrylic, polycarbonate and most other types of plastic surfaces.
- Easy to use : just rub scratches at a right angle and buff off.
- Cleans off stains, salt deposits and surface discouloration.
- Use as the first step in the restoration of deteriorated plastic.

Plastic polish restorer

237 ml bottle : 184137

- Restores shine and clarity to acrylic, polycarbonate and most other types of plastic surfaces.
- Easy to use : just apply and buff off.
- Removes hazing from windshields, hatch covers, ports, etc.
- Use as the second step in the restoration of deteriorated plastic.

Marine polish

0.5 L bottle : 184060

- Keeps your boat looking like new.
- Helps stop fading caused by UV-rays.
- No hard rubbing required.
- Lasts up to 4 times longer than other polishes.

Premium marine polish with PTEF®*

0.5 L bottle : 184124

- The ultimate protection for fibreglass, metal & painted surfaces.
- Lasts up to 6 times longer than other marine waxes.
- UV inhibitors help stop fading and oxydation.
- Easy to use : wipe on, let dry, wipe off.
- Leaves a super smooth, non-stick PTEF™ coating which reduces drag and repels dirt, grime, oil and stains.

* PTEF® is Star brite®'s registered trademark name for polytetraflouroethylene.

Liquid electrical tape

Volume 118 ml : 401430

- Forms a protective, waterproof, UV-resistant, dielectric coating.
- Prevents corrosion on wires and terminals.
- Cap has convenient brush applicator.

Chrome & stainless polish

250 ml bottle : 184093

- Cleans and shines chrome and stainless steel surfaces.
- Protects against pitting, discouloration, staining and rusting.
- Easy to use : wipe-on, wipe-off formula.
- Resists salt and water spray.
- Bonds to metal for long lasting protection.
- Leaves a dazzling shine.

Bilge & Engine

Petrol additive

250 ml bottle : 473841

- Eliminates and prevents ethanol fuel problems.
- Reduces all emissions.
- Prevents fuel oxidation and stabilises fuel chemistry for at least 1 year.
- Lowers fuel system maintenance.
- Eliminates carbon build-up.
- Increases fuel economy.

Diesel additive

250 ml bottle : 473837

- Reduces all emissions.
- Stabilises fuel chemistry for at least 2 years.
- Lowers fuel system maintenance.
- Eliminates carbon build-up.
- Increases fuel economy.
- Meets low sulfur requirements for diesel engines.

Teak care

Premium teak cleaner

0.5 L bottle : 184074

- Safe and easy formula.
- Cleans teak and other fine woods.
- Removes stains and weathering.
- No need to sand after cleaning.
- Does not contain acids.
- Does not raise wood grain.

Premium teak brightener

0.5 L bottle : 184077

- Brightens teak and other fine woods.
- Highlights wood grain and enhances warm natural color.
- Use as the second step in the restoration of grey weathered teak.
- Easy to use - just apply and rinse, no rubbing or scrubbing required.

Premium Golden teak oil

0.5 L bottle : 184112

- Extra long lasting protection for teak.
- Gives teak a natural warm golden color.
- Contains ultraviolet absorbers to resist weathering.
- Lasts 4 to 6 times longer than standard teak oils.
- Advanced tung oil polymer formula.

Fabrics & Vinyl

Sail & canvas cleaner

0.5 L bottle : 184085

- Biodegradable.
- Cleans and brightens whites and colours.
- Concentrated formula : removes dirt, grease and mildew stains.
- Great for boat covers, bimini tops and sails.
- Does not weaken fabric or thread.
- Also cleans nylon or dacron sails.

Boat cover cleaner

1 L spray : 65608

- Removes dirt and stains from boat covers, sail covers, bimini tops, tarps and T-tops.
- Safe for all fabrics.

Vinyl cleaner & polish

0.5 L bottle : 184166

- A revolutionary formula unlike any other vinyl cleaner, protectant or treatment.
- Cleans, shines and protects all kinds and colours of vinyl.
- Leaves a long lasting, waterproof and anti-UV protective coating.
- Keeps vinyl soft and supple, prevents drying out and cracking.

Vinyl-Brite protector

1 L spray : 65609

- Restores old marine vinyl to like-new appearance.
- Keeps new vinyl looking great.
- UV inhibitors screen out sun's damaging rays.
- Prevents vinyl from cracking, fading and discolouring.

Vinyl cleaner & shampoo

0.5 L bottle : 184061

- Use on vinyl-coated canvas, chairs and cushions.
- Gets out deeply embedded grime.
- Won't streak, stain or discolour vinyl.
- Concentrated formula, biodegradable.

Waterproofing with PTEF*

650 ml spray : 65610

- For boat covers, bimini tops, sail covers, clothing and tents.
- Safe for all fabrics : does not alter the colour or feel of the fabric.

* PTEF® is Starbrite®'s registered trademark name for polytetrafluoroethylene.

Cleaners

Yachticon
just good care

Acrylic renovator
250 ml bottle : 2211181

Removes fine scratches from acrylic, polycarbonate and most other type plastic surfaces.
Cleans off stains, salt deposits and hazing.
Biodegradable.

Adhesive and silicone cleaner
500 ml bottle : 2211179

Removes easily streaks of adhesive, wax, varnish, silicone, oil, grease or tar.
Suitable for most surfaces.

Acrylic cleaner
500 ml spray : 2211180

Cleans and restores shine and clarity to acrylic and polycarbonate without scratching.
Leaves an antistatic protective film against new dust and dirt.
Ideal for frequent use.
Biodegradable.

RIB's and inflatables cleaner
500 ml bottle : 2211177

Cleans and removes dirt, grime and oxidation stains.
Rejuvenates colours and leave an anti-UV protective film.
Suitable for all types of inflatables : rubber, PVC and Hypalon.

Wax and polish

Premium polish with Teflon®
- **500 ml bottle : 2212135**
- **400 ml spray : 2215267**

High quality polish with Teflon® surface protector. Excellent protection for fibreglass,gelcoat and painted surfaces.
Leaves a smooth and sleek surface and provides efficient durable protection against dirt.

Blue wax
2214862

Specific to weathered blue hulls and decorative stripes.
Covers small scratches and slight color shades.
Non-abrasive, also suitable for blue painted surfaces and gel coats.
Long lasting protection.

Hard Wax with Teflon®
400 ml spray : 2215214

High quality premium hard wax with Teflon® surface protector. Excellent protection for fibreglass, gelcoat and painted surfaces.
Smooth and sleek surface. Efficient protection against dirt.
Lasts much longer than conventional waxes.

Blue Polish
2214863

Gives a new shine to your blue hull or decorative strips.
Free of silicone, ammonia and wax.
Covers slight color variations.
For best results, apply Yachticon Blue Wax to complete the pigmentation and reinforce the protection.

Engine

Water absorber for diesel and petrol
500 ml bottle : 2212123
(treats 500 L fuel)

Eliminates water and prevents the formation of condensation in the tank.
Prevents corrosion and the formation of organic sludge in the tank and fuel system.
Prevents the proliferation of bacteria and reduces costly repairs caused by water.

Petrol additive
500 ml bottle : 2212143
(treats 250 L of petrol)

Boosts the performance of petrol engines and improves cold start.
Certified for use with catalytic converters and turbos.
Ensure that nozzles and fuel system are kept clean to reduce wear and corrosion.
Protects the tank, fuel system and combustion chamber. Increases the octane number.

Diesel Plus 2.0 additive
500 ml bottle : 70166
(treats 500 L of diesel or bio-diesel)

Prevents the formation of fungi, bacteria and organic sludge.
Ensures that nozzles and fuel system are kept clean and reduces wear and corrosion.
Protects the tank, fuel system and combustion chamber from internal corrosion.
Improves cold start performance and reduces emissions.
Saves up to 4 % fuel consumption.

Body care

Sea Champoo

300 ml bottle : 2213018

Two-in-one **pH 5.5** : shower gel + shampoo.
Specially formulated to be used with sea water, hard, brackish or chlorinated water.
Ideal to help put on a diving suit or water skis.
Delicate herbal perfume.
Biodegradable.

Maritime liquid soap

200 ml bottle : 2213019

Two-in-one **neutral pH 7** : shower gel + shampoo.
Specially formulated to be used with sea water, hard, brackish or chlorinated water.
Ideal to help put on a diving suit or water skis.
Delicate perfume.
Biodegradable.

Tableware

Melamine tableware cleaner

250 g can : 2214878

Eliminates tea, coffee and other dark streaks on melamine tableware.
Also suitable on thermos bottles, sinks, washbasins and other plastic surfaces.
Active oxygen cleaner : no need to scrape.
Very simple to use : apply, let the product stand and rinse with water.

Sea Wash dishwash soap

250 ml bottle : 2213740

Do the dishes with sea water in the same conditions as with fresh water.
Soft and highly concentrated formula.
No need to wipe dry : leaves no hazing when drying.

Water decontamination

Aqua Clean water decontaminator

Suitable for drinking water and grey waters.
Decontaminates drinking water in tanks : avoids the proliferation of germs for 6 months with no need to add chlorine.

Approx. 5 hours or 30 min after adding Aqua Clean, water is decontaminated of all microbes and infectious germs.

Pura Tank

500 ml bottle : 2211005

Eliminates algae and other germs in water tanks.
Also disinfects hoses, tubes, taps and pumps.

Aqua Clean, efficient within 5 hours :

Contains no chlorine.

- **50 ml bottle : 2211129** (treats 500 L of water)
- **100 ml bottle : 2211101** (treats 1000 L of water)
- **Powder format : 2211004** (treats 10.000 L of water)
- **Box of 100 tablets : 2211705**
  (treats 2.000 L / 1 tablet = 20 L)

Aqua Clean Quick,
efficient within 30 minutes :

Contains low volume of chlorine.

- **Box of 100 tablets : 2211706**
  (treats 100 L / 1 tablet = 1 L)

Sanitary

Purysan Ultra

500 ml bottle : 2216059

Toilet fluid suitable for all chemical toilets.
Highly concentrated to reduce bulk on board : equivalent to 1.5 L of normal concentrated product. Cleans and sanitizes, controls odours.
Contains no formaldehydes.
Over 90 % biodegradable.
Easy to use with measuring dispenser.

Oil for toilets

100 ml bottle : 2216031

Mineral oil, **totally eco-friendly.**
Preserves toilet good condition and lifetime : eliminates salt and lubricates gaskets and pump parts.

Toilet cleaner

740 ml bottle : 2216034

Cleans all marine toilets : standard or chemical, ceramic or plastic bowl.
Sanitizes, protects the rubber gaskets and discharge valves.

Purytec

- **Basic kit with T-connector : 2216534**
- **100 ml refill cartridge : 2216535**

Cleans and deodorizes bowl and pipes.
Mounts easily on pipe Ø ½" or ¾" (13 or 19 mm).
Works on its own every time you flush, up to 400 flushes.
Contains no formaldehydes.

Toilet paper

Pack of 4 rolls : 2219228

Extremely soluble.
Soft double-layer paper.
Flush-friendly : prevents stoppage of sewage systems.

ActivRun® fuel additives

Additives elaborated by a research laboratory in close cooperation with oil and gasoline industry leaders, engine manufacturers and car industry equipment specialists.
Produced in Germany, in an ISO 9001 and ISO 14001 certified factory.

ActivRun products are **fully compatible with all additives that may originally be incorporated in diesel and petrol.**

- REACH and CE 1907/2006 compliant components.
- Guaranteed **safe for particle filters, catalysts and SCR systems** (Selective Catalytic Reduction).

ActivRun® Gasoil* additive (*diesel)

7-in-1 product, curative and preventive:

- Anti-foam agent incorporated
- Superior demulsibility (separates water from oil)
- Water and diesel biocide
- Increases fuel economy
- Reduces emissions
- Stabilizes diesel quality and improves its performance
- Cleans and adds lubricity to vital engine parts.

ActivRun® Gasoil (diesel) is the solution to fouled injectors caused by the presence of biodiesel in standard diesel, and to the problem of water, bacteria or organic sludge present in the fuel.
Tank can be filled quicker thanks to anti-foam agent contained in ActivRun® Gasoil.

Recommended for high pressure injection systems.

Ref.	Description	Volume treated
2480302	250 ml bottle	Treats 750 Litres
2480305	500 ml bottle	Treats 1500 Litres
2480310	1 Litre bottle	Treats 3000 Litres
2480350	5 Litre drum	Treats 15000 Litres

ActivRun® Petrol additive

6-in-1 product, curative and preventive:

- Prevents the formation of fungi, bacteria and organic sludge in the fuel.
- Suitable for unleaded 95, 98, 95-E10 petrol for use in 2- and 4-cycle engines.
- Increases fuel economy
- Reduces emissions
- Compatible with all oil additives and all engines
- Improved comfort on board thanks to optimised engine operation

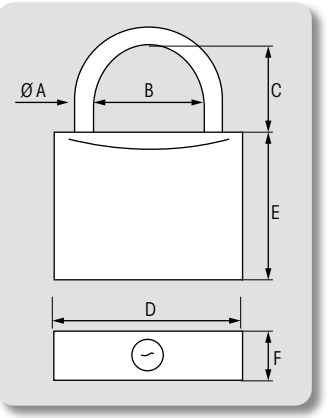
ActivRun® Petrol is the solution to petrol engine problems related to:

- Sludging of valve seats, injectors or carburators caused by the presence of bioethanol in the petrol,
- Degraded quality of fuel sitting in the tank for too long,
- Deposits in the fuel system and carburators.

Ref.	Description	Volume treated
2480402	250 ml bottle	Treats 500 Litres
2480405	500 ml bottle	Treats 1000 Litres

Padlocks and antitheft devices

Brass padlocks



Brass padlocks

Brass body and pins, bronze springs.

Ref.	Hasp	Ø A	B	C	D	E	F
27322	Standard	4 mm	17 mm	17 mm	30 mm	25 mm	11 mm
17577		6 mm	16 mm	19 mm	35 mm	27 mm	12 mm
17578		6 mm	20 mm	21 mm	40 mm	30 mm	12 mm
17579		6 mm	25 mm	24 mm	45 mm	32,5 mm	13 mm
17580	Long	6 mm	20 mm	94 mm	40 mm	30 mm	12 mm
17583		6 mm	20 mm	144 mm	40 mm	30 mm	12 mm

Keyed alike padlocks

Ref.	Description	Ø A	B	C	D	E	F	
29447	Set of 3 padlocks using the same key.	4 mm	17 mm	17 mm	30 mm	25 mm	11 mm	4
17581		6 mm	20 mm	21 mm	40 mm	30 mm	12 mm	1
17582	Set of 5 padlocks using the same key.	6 mm	20 mm	21 mm	40 mm	30 mm	12 mm	1

Master Lock security level : 5. Lifetime guarantee.

Padlock with hardened steel shackle

x2

Solid brass case.
Double locking hardened steel shackle.
4 pins tumbler cylinder.

Ref.	Ø A	B	C	D
63618	6 mm	21 mm	22 mm	40 mm

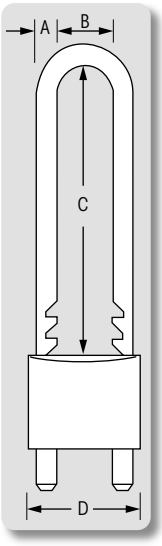
Master Lock

Master lock security level : 8. Lifetime guarantee.

Set-your-own combination padlocks

Brass finished zinc case.
Hardened steel shackle.
Double locking.
4 resettable digit combination (10000 possible combinations).

	Ref.	Hasp	Ø A	C	B	D
A	**63614**	Standard	8 mm	25 mm	25 mm	51 mm
B	**63615**	Long	8 mm	51 mm	25 mm	51 mm



Master Lock security level : 5. Lifetime guarantee.

x2

Padlock with removable and adjustable shackle

Brass case.
Shackle removable and adjustable from 70 to 155 mm.
5 pins tumbler cylinder. Double locking hardened steel shackle.

Ref.	Ø A	B	C	D
63617	11 mm	25 mm	70 to 155 mm	50 mm

Chrome or nickel-plated padlocks

A

B

C

Lifetime guarantee.

Chrome-plated brass padlocks, stainless steel shackle

Case in chrome plated brass.
Double locking stainless steel shackle.
4 or 5 pins tumbler cylinder (depends on model).

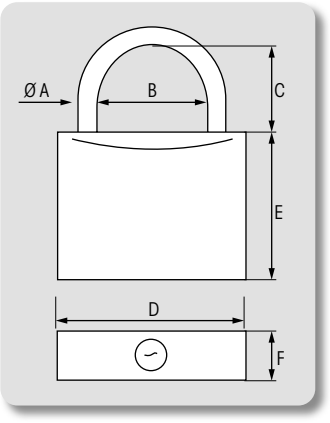
	Ref.	Ø A	B	C	D	Features	Numbre of pins	Characteristics.	Master Lock security level
A	**417622**	5 mm	16 mm	17 mm	30 mm	Highly polished finish	4	-	4
B	**417624**	6 mm	20 mm	23 mm	40 mm	Brushed finish	5	Deadbolt locking/ key retaining.	5
C	**63619**	6 mm	20 mm	51 mm	40 mm	Brushed finish	5		5

Master Lock security level : 7.
Lifetime guarantee.

High security padlocks

Solid brass case with nickel-plated anti-rust protection. Brush finishing.
High security 6 pins tumbler cylinder.
Hexagonal hardened steel shackle brings increased bolt-cutter resistance.
Double locking shackle. 4 dimple keys supplied.

Ref.	Ø A	B	C	D
63620	7.5 mm	22 mm	23 mm	40 mm



Stainless steel padlocks

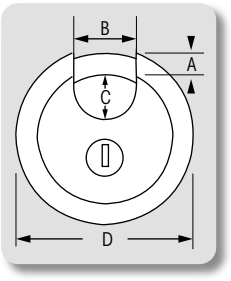
Master Lock security level : 8.
Lifetime guarantee.

St. steel padlocks

Stainless steel case and shackle.
5 pins tumbler cylinder.
Double deadbolt locking shackle key retaining.

Ref.	Model	Ø A	B	C	D
401144	Shroud concealed shackle.	10 mm	23 mm	22 mm	50 mm

Master Lock security level : 6.
Lifetime guarantee.



St. steel round padlock

Stainless steel case with convenient front access keyway.
Shielded shackle in hardened steel.4 pins tumbler cylinder.
Double deadbolt locking shackle.

Ref.	Ø A	C	B	D
63613	9 mm	17 mm	14 mm	70 mm

Coated padlocks

Padlock with thermoplastic cover

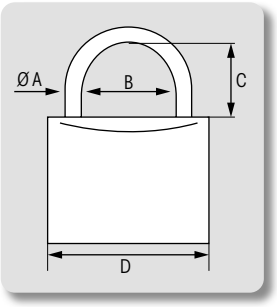
Laminated steel case. Hardened steel shackle.
Black thermoplastic cover on case and shackle provides protection against water, ice, dirt, shocks.
4 pin tumbler cylinder.
Snap on cap protects keyhole from dust, water and sand.

Ref.	Ø A	C	D
63616	9 mm	29 mm	40 mm

Excell® padlock

Laminated steel case with thermoplastic cover.
octogonal boron alloy shackle.
4 pins tumbler cylinder. dual ball bearing locking.
Snap on cap protects keyholes from dust, water and sand.

Ref.	Ø A	B	C	D
63621	8 mm	20 mm	38 mm	45 mm



Selecting the best Master Lock padlock for you ?

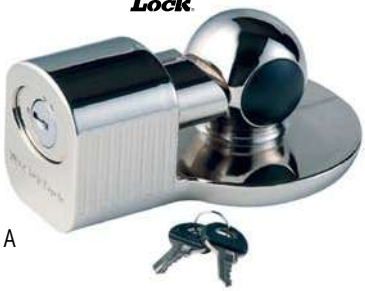
Use	Ref.	Model	Size	Case	Shackle	Security level	Number of pins	Double locking	Dual ball lock	Key retaining
High security & marine	**401144**	Key	50	St. steel	St. steel	8	5	✔	-	✔
High security & weather tough	**63621**	Key	45	Coated laminated steel	Boron alloy	8	4	✔	✔	-
High security	**63620**	Key	40	Nickel plated brass	Hardened steel	7	6	✔	-	-
	63614	Code	50	Zinc + brass finish	Hardened steel	8	-	✔	-	-
	63615	Code	50	Zinc + brass finish	Hardened steel (long shackle)	8	-	✔	-	-
Marine	**417624**	Key	40	Chrome plated brass	St. steel	5	5	✔	-	✔
	63619	Key	40	Chrome plated brass	St. steel	5	5	✔	-	✔
	417622	Key	30	Chrome plated brass	St. steel	4	4	✔	-	-
	63613	Key	Ø 70	St. steel	Hardened steel	6	4	✔	-	-
Weather tough	**63616**	Key	40	Coated laminated steel	Hardened steel	5	4	✔	-	-
Adjustable shackle	**63617**	Key	50	Brass	Hardened steel	5	5	✔	-	-
Basic	**63618**	Key	40	Brass	Hardened steel	5	4	✔	-	-

When choosing a padlock one must include the ergonomic aspect (size, shape, keyed/comination shackle,...), its weather resistance, and mostly the specifications which define the level of security (mechanism, shackle, material,...).
Padlocks mostly act as a visual deterrant and offer a level of resistance to delay thieves. Some padlocks are more efficient than others.

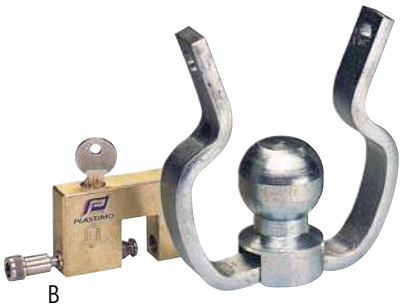
Additional security features :

- Pin tumbler cylinder : the most pins a padlock has, the most secure it is (especially against picking).
- Double ball bearing locking : balls locked the shackle at both ends and prevent drill attack.
- Double locking shackle : prevents the shackle from being pried away from its case and offer a good resistance against forced attacks.
- Hardened steel : offer increased resistance against sawing and bold cutting.
- Closed shackle : offer restricted access to the shackle.
- Shrouded shackle : the padlock body extends up onto the shackle to provide protection from cutting, sawing and hammering.
- Hexagonal/octogonal shackle : offer increased protection against bolt cutting.

Anti-theft devices



A



B

Trailer hitch locks

Simply fit the anti-theft device on the towing ball to keep your trailer safe when parked.

	Ref.	Description	Fits couplers Ø
A	**63623**	Universal trailer coupler lock. Body in nickel plated die-cast zinc. Built-in lock with cylinder.	48 to 51 mm
B	**31326**	Set of coupler lock with padlock	50 mm

Option & Accessory

Brass padlock alone : 410704
95 mm.
Stainless steel Ø 8 mm straight shackle.

Python® adjustable locking cable

472742

Braided steel cable with vinyl cover.
Adjustable length. Light and flexible.
Patented locking mechanism.
Compact storage : keeps neatly coiled with hook and loop strap.
Length: 1,80 m
Cable Ø: 10 mm

Safety chain with D. lock

63622

High security chain with 10 mm square links.
Ideal for outboard engine or any deck equipment (liferaft, tender,...).
Integral black nylon sleeve for optimum protection of the chain and surfaces.
Supplied with a D.lock featuring a double locking cylinder and a Ø 14 mm shackle.
Length : 90 cm

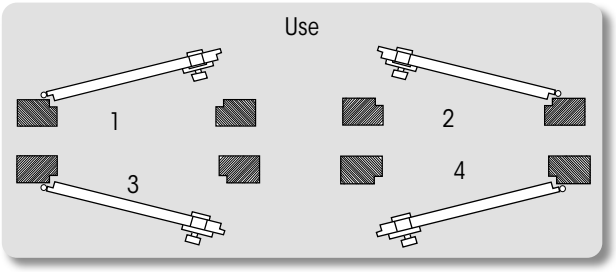
Fulton anti-theft device for outboard motor

2280127

Made of high resistance steel with a special anti-corrosion treatment.
Special inner foam to avoid vibrations.
Safety key.

Fasteners

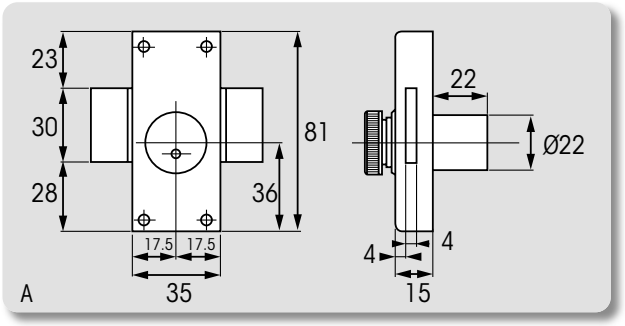
Bolts

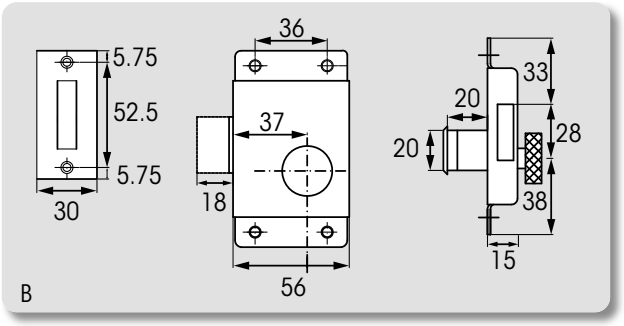


Dimensions in mm

A

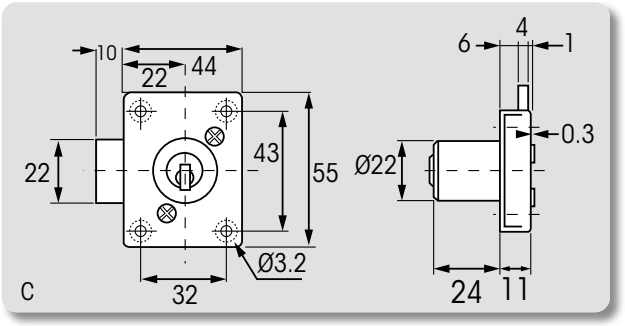
B

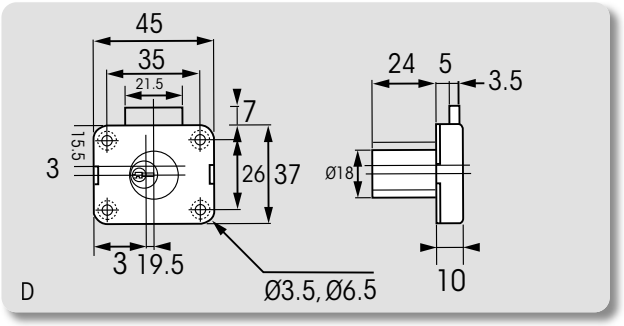




C

D





Rim locks

	Ref.	Model	Door thickness	Use	Material	Description
A	**405027**	With thumbturn*	22 mm	1-2-3-4	Stainless steel case. Chromed-brass cylinder.	2 keys supplied.
B	**408191**	With thumbturn*	20 mm	2-4	Chromed brass cylinder.	2 keys supplied.
	408196	With thumbturn*	20 mm	1-3	Chromed brass cylinder.	2 keys supplied.
C	**423997**	Half-cylinder	24 mm	1-2-3-4	Stainless steel 304 case and strike plate. Nickel-plated cylinder.	3 keys reversible keys.
D	**412051**	Half-cylinder	24 mm	1-2-3-4	Nickel-plated brass case and cylinder. Stainless steel 304 strike plate.	Key is not removable in unlocked position. 2 keys supplied.

* Cylinder outside/knob inside.

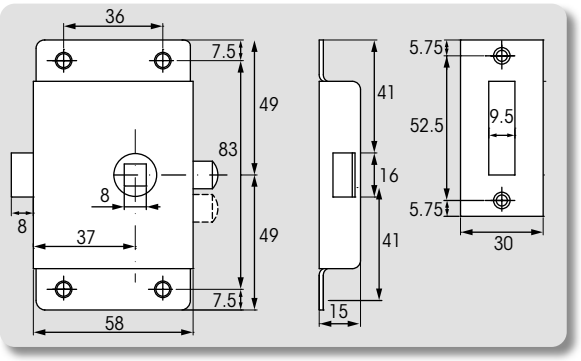
Lock

Dimensions in mm

Rim latch - Chromed brass

403404

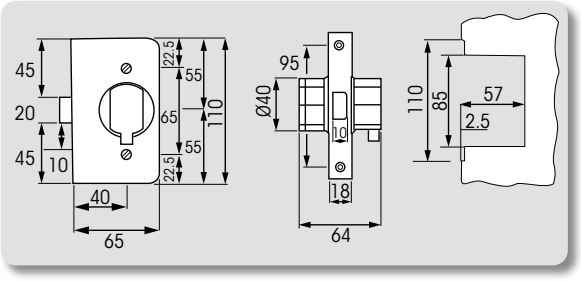
Activation by handle (available as options).
Locking from inside. Reversible latch.
Dim. Spindle : 8 mm.

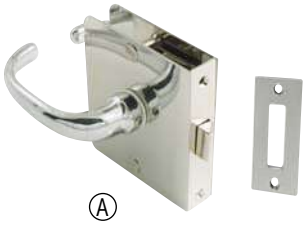


Mortise latches-Brass

417621

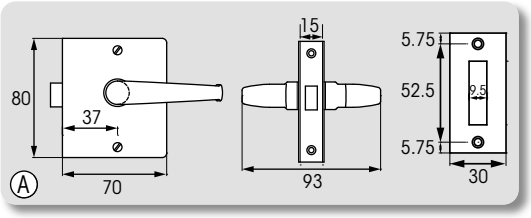
Compact version, ideal for thin doors like cabins or lavatories (15 mm).
Door knob activation and lockable from inside by lock button.





Ⓐ

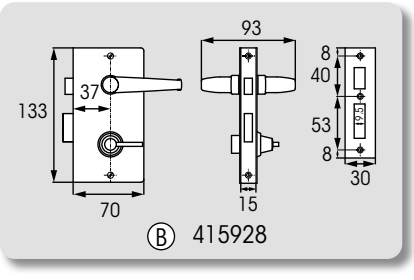
Ⓑ 415928



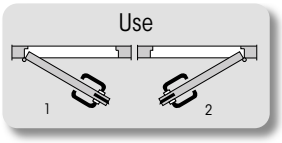
Mortise latches

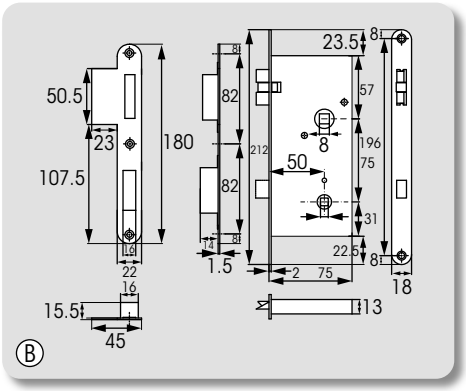
Chromed brass lock cases.
Escutcheons and strike plates in stainless steel.

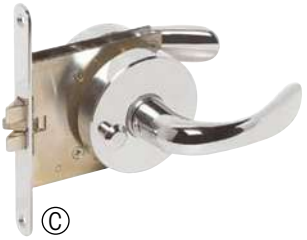
Ref.	Lockable	Use	Cut-out height	Description
Ⓐ **415931**	-	1	44 x 15 x 58	-
Ⓑ **415898**	✓	2	95 x 15 x 58	Lockable from inside. Red/white indicator bolt. Emergency unlock access from outside (special key).
415928	✓	1	95 x 15 x 58	

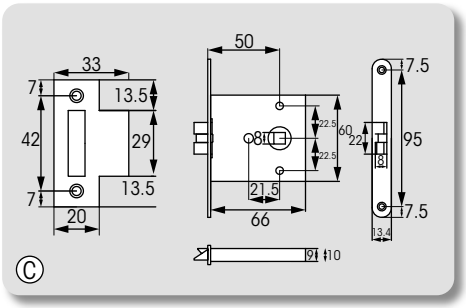


Dimensions in mm





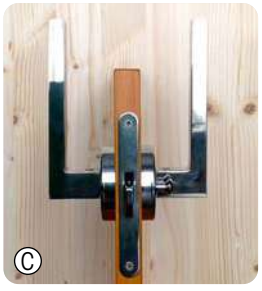


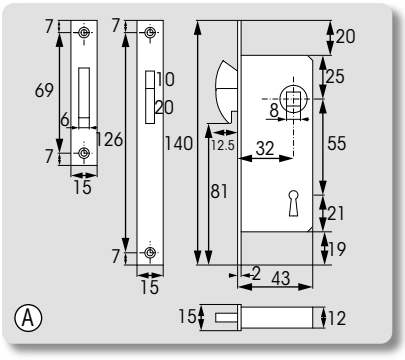


Anti-vibration mortise locks

Chromed brass lock cases with stainless steel strike plate.

Ref.	Model	Lockable	Use	Description	Composition
Ⓐ **471726**	Lock	-	1-2	Reversible. 9 mm spindle.	Lock case + strike plate
Ⓑ **63629**	"Square". Complete set.	✓	2	-	Lock case + handles + thumbturn + strike plate
Ⓒ **63627**	"Round". Complete set.	✓	1-2	For door thickness 18/23 mm. Reversible.	Lock case + handle with lock button + strike plate
Ⓒ **63628**	"Round". Complete set.	✓	1-2	For door thickness 24/29 mm. Reversible.	Lock case + handle with lock button + strike plate

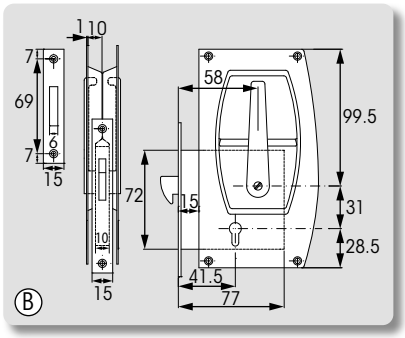


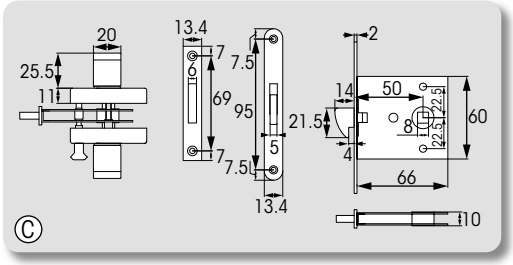


COMPLETE KITS

Mortise locks for sliding door

Chromed brass

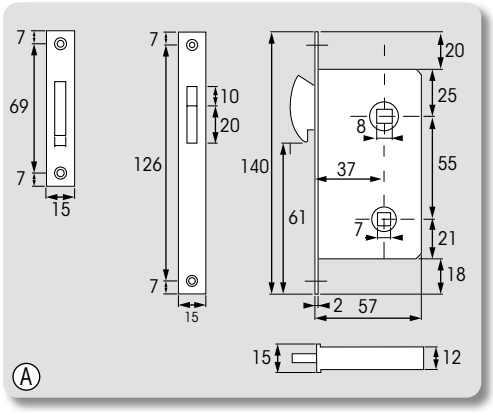




Ref.	Lockable	Description	Composition	
Ⓐ **426473**	✓	Reversible.	Lock case + handles + roses + strike plate + 2 keys	1
Ⓑ **63630**	✓	Reversible. For door thickness 20 mm minimum.	Lock case + handles + plates + strike plate + 2 keys	1
Ⓒ **63632**	✓	Reversible. For door thickness 18/23 mm. Lockable from inside.	Lock case + handle with lock button + strike plate	1
Ⓒ **63633**	✓	Reversible. For door thickness 24/29 mm. Lockable from inside.	Lock case + handle with lock button + strike plate	1

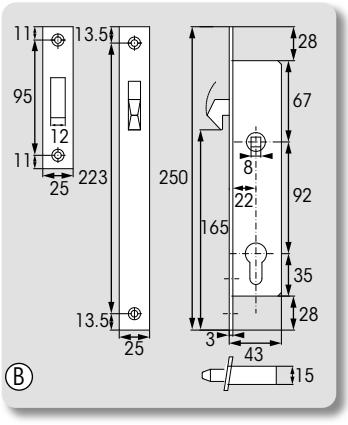
Dimensions in mm

Ⓐ



Ⓐ

Ⓑ



Ⓑ

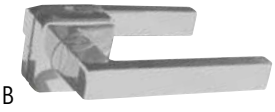
Mortise locks for sliding door

Chromed brass.

	Ref.	Lockable	Description	Composition
Ⓐ	**402313**	-	Reversible. Handle and roses available as options. 8 mm spindle.	Lock case + strike plate
Ⓑ	**63631**	✓	Reversible. Handle and roses available as options. 8 mm spindle.	Lock case + cylinder + strike plate + 3 keys

Accessories

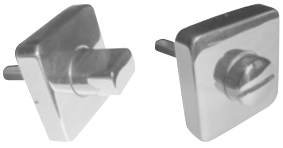
A



B

Door handles
Chromed brass.

	Ref.	Length	Width	Spindle	Description
A	***415505***	*88 mm*	*17 mm*	*8 mm*	*Compatible with roses int. Ø 13 mm*
B	***63634***	*130 mm*	*20 mm*	*8 mm*	*With roses 50 x 50 mm*



Locking knob
63635
Overall height on button side 33 mm. With roses 50 x 50 mm. 6 mm spindle.

Door handle plate
419681
Chromed brass roses int. Ø 13 mm and ext. Ø 45 mm. With nylon ring.

Cam locks

A

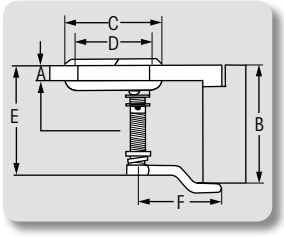
B

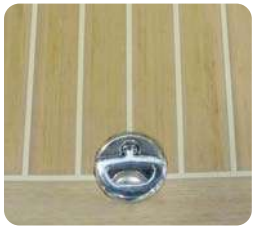
Model 63612 supplied with key lock.

Watertight compression latch

Stainless steel 316 L watertight compression latch, ideal for boat lockers.
The spring cam avoids vibrations and shocks.
Available in 2 versions : with or without key locking, according to the level of security required.
Suitable for bulkhead thickness 23 mm max. Supplied with screws.

	Ref.	A	B	C	D	E	F
A	**63611**	4-23 mm	25-76 mm	65 mm	51 mm	71 mm	54 mm
B	**63612**	6-23 mm	25-76 mm	65 mm	51 mm	71 mm	54 mm





A

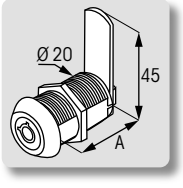
B

C

Cam locks

Stainless steel cam with chromed brass nuts and keys.
Chromed brass half-turn cylinder.
Key can be removed in open setting.

	Ref.	A	Door thickness
A	**404689**	13 mm	7 mm
B	**404688**	26 mm	22 mm
C	**404687**	32 mm	27 mm



A

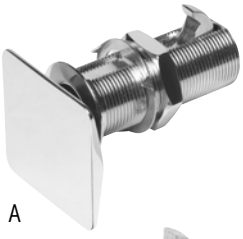
B

C

D

Hatch fasteners

	Ref.	Material	Lock	Lid	Face plate size	Mounting base thickness	Cut-out dim.	Technical features
A	**419860**	**316 st. steel**	-	✓	100 x 100 mm	70 mm	Ø 82 mm	Accepts padlock (not included).
B	**421957**		-	-	Ø 70 mm	2 to 47 mm	Ø 62 mm	Overall height : 78.5 mm.
C	**423002**	**Chromed brass**	✓	✓	Ø 84 mm	15 to 70 mm	Ø 68 mm	Adjustable cam : 30-70 mm.
D	**418278**		✓	-	53 x 60 mm	-	-	Plastic strike plate - 3 heights.


A

B

Flush locks with compact handles

Compact universal lock designed for drawers and furnitures.
Easy and gentle opening.
Slide a finger under the handle and pull softly to open the door.
Supplied with strike plate.

Easy to open

	Ref.	Material	Model	Handle dimensions	Door thickness	Length	Ø cylinder
A	**63625**	**Stainless steel handle ; chrome-plated brass cylinder**	Square	36 x 36 mm	26 mm max.	43 mm	18 mm
B	**63626**		Oval	35 x 25 mm	26 mm max.	43 mm	18 mm

A

B

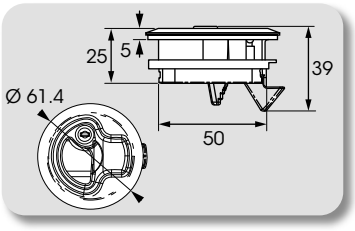
C

D

Flush locks

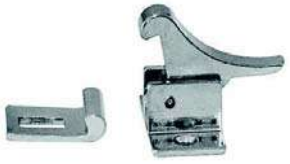
Closing the door by thrust.
Supplied with strike plate.

	Ref.	Material	Opening	Features	
A	**62174**	**316 st. steel**	Ring pull	57 x 40 x 17 mm	1
B	**403467**	**Chromed brass**	Ring pull	58 x 37 mm	1
C	**63636**	**Chromed brass**	Push on the central part	50 x 42 mm	1
D	**63606**	**Polyamide**	Outside : ring pull. Inside : slide latch.	Ø 61 mm, cut-out dim. : Ø 50 mm. For thickness 7 mm. Overall height : 39 mm.	10



Elbow catches

A

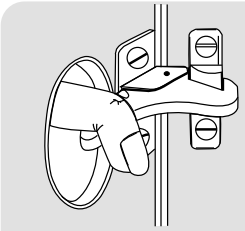

B

C

	Ref.	Material	Version	Overall dimensions	
A	**63607**	**316 St. steel**	Standard elbow catch	28 x 33 x 28 mm	10
B	**414148**	**Chromed brass**	Standard elbow catch	28 x 33 x 28 mm	10
C	**421598**	**Plastic**	Invisible elbow catch, metal strike	69 x 19 x 25 mm	2

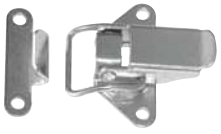
Wood rings

Int. Ø	Mahogany	Teck	Ext. Ø	Height
32.5 mm	**13876**	**13875**	38 mm	22 mm
40 mm	**13878**	**13877**	45 mm	22 mm



A Invisible hook

B Adjustable

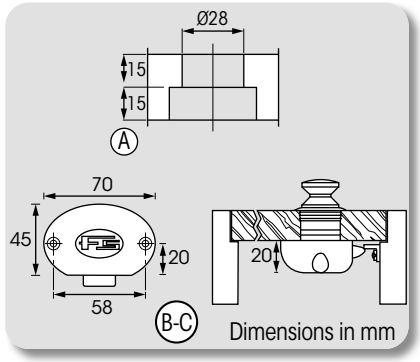

C

D Horizontal or vertical hook mounting

E

Toggle fasteners

	Ref.	Material	Overall closed dimensions	Hook	Hook spacing	Ø for padlock	
A	**473000**	**316 st. steel**	93/103 x 23 x 18 mm	Invisible. L 36 x W 18 mm	9 mm	-	1
B	**421571**	**304 st. steel**	145/157 x 40 x 23 mm	L 30 x l 30 mm	20 mm	9 mm	1
C	**401549**	**St. steel**	51 x 41 x 11 mm	L 12 x l 36 mm	33 mm	-	2
D	**401458**	**Chr. brass**	85 x 34 x 34 mm	Triangle. L 32 x W 34 mm.	22 mm	-	1
E	**401475**	**Chr. brass**	110 x 50 x 24 mm	L 40 x l 50 mm	30 mm	7 mm	1

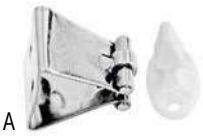


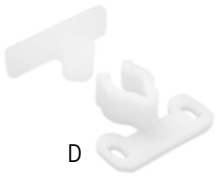
Push-buttons

Locks with push-buttons : the bolt is locked when the button is pushed-in.
Simply push the button to open the door.

	Ref.	Material	Description	Thickness of the door	Cut-out dim.	Case dimensions	Case
Ⓐ	**421261**	**Composite & chrome plated zinc alloy**	Push-button. Spacer included for door th. 13 mm	13 to 30 mm	Ø 28 mm (door th. 15 mm).	Ø 40 x h.30 mm	White
Ⓑ	**402509**	**Plastic**	Push-button	13 mm	Ø 25 mm	70 x 45 x Ø 20 mm	White
	402524	**Plastic**	Push-button	19 mm	Ø 25 mm	70 x 45 x Ø 20 mm	White
Ⓒ	**402414**	**Plastic**	Push-button	16 mm	Ø 25 mm	70 x 45 x Ø 20 mm	Nickel-plated
Ⓓ	**470675**	**Plastic**	Push-button	16 mm	Ø 25 mm	80 x 45 mm	Nickel-plated

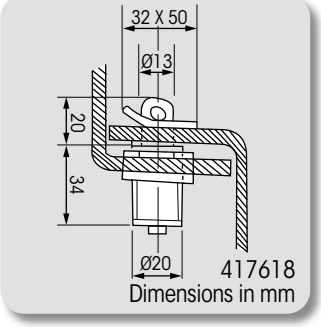
Door stops





Door stops

	Ref.	Material	Model	Description	Dimensions L x W x H (closed)	
A	**404694**	**St. steel**	Rolls	Nylon insert	27 x 28 x 37 mm	1
	404964	**St. steel**	Rolls	Nylon insert	40 x 40 x 65 mm	1
B	**63608**	**316 st. steel**	Rolls	Nylon insert	27 x 29 x 38 mm	10
C	**419453**	**St. steel**	Rolls	St. steel insert with anti-vibration gasket.	33 x 23 x 20 mm	1
D	**472734**	**Nylon**	Rolls	White	31 x 35 x 10 mm	10
E	**418377**	**Chr. brass**	Clamps	Door stop	60 x 14 x 40 mm	1
F	**413320**	**Nick.-plated brass**	Balls	St. steel springs	35 x 7 x 10 mm	1
	413322	**Nick.-plated brass**	Balls	St. steel springs	50 x 9 x mm	1
	413323	**Nick.-plated brass**	Balls	St. steel springs	60 x 11 x 15 mm	1
G	**421947**	**St. steel**	Small automatic door stop	Nylon strike plate. Press the button once to close & twice to open.	36 x 28 x 10 mm	1
H	**427478**	**Plastic**	Small automatic door stop	Press the button once to close & twice to open.	65 x 40 x 16 mm	1
I	**405051**	**Chr. brass**	Spring latch	Without strike plate	Plate : 40 x 20 x 24 mm Knob : 40 mm	1
	404053	**Chr. brass**	Spring latch	With strike plate		
J	**417618**	**St. steel**	Spring button	Accepts padlock Ø 6 mm.	Door th. : Ø 25 mm max. Cut-out : Ø 20 mm.	1



Hatch & locker fastening

Padlock hinges

A

B

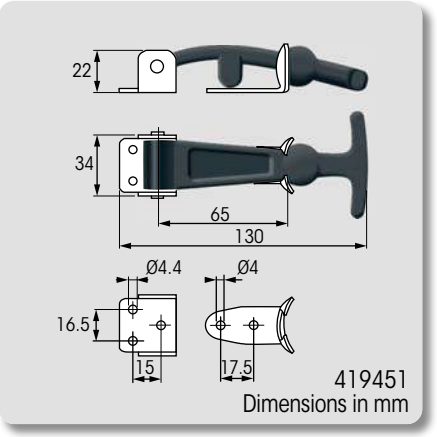
	Ref.	Material	Model	Length (closed)	Width	
A	**472902**	**304 st. steel**	Standard	92 mm	25 mm	1
	13891	**304 st. steel**	Standard	70 mm	25 mm	5
B	**401476**	**Chromed brass**	Standard	66 mm	20/50 mm	1

T-Bar hatch fasteners

A

B

	Ref.	Material	Version	Dimensions	
A	**401466**	**Chromed brass**	T-Bar fastener with plate	38 x 15 x 48	1
B	**419451**	**304 st. steel**	St. steel + rubber hatch hold-down clamp, anti-rattle.	130 x 34 x 22	2

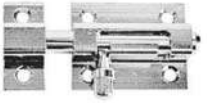


419451
Dimensions in mm

Barrel bolts

A

B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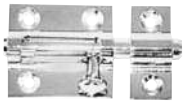
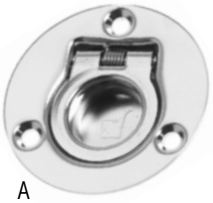

D

E

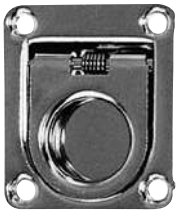
Dimensions in mm

	Ref.	Material	Spring	Overall width	Width overall	Overall height	Plate dim.	Str. plate Dim.	Axis Ø	Model	
A	**412752**	**304 st. steel**	✓	60	26	14	40 x 24	20 x 24	6		1 locking left
	412754	**304 st. steel**	✓	80	26	14	60 x 24	20 x 24	6		1 locking left
	412050	**304 st. steel**	✓	85	40	20	60 x 33	25 x 33	6		1 locking left
	412751	**304 st. steel**	-	60	20	14	40 x 24	20 x 24	6		1 reversible right/left
	412753	**304 st. steel**	-	80	27	14	60 x 24	20 x 24	6		1 reversible right/left
B	**400937**	**Chromed brass**	✓	116	41	11	90 x 31	20 x 31	8	Ajustable distance ± 5 mm. Accepts padlocks Ø 6 mm.	1 reversible right/left
C	**417573**	**Chromed brass**	-	65	31	11	50 x 25	15 x 25	7	Ajustable distance ± 5 mm	2 reversibles right/left
	404051	**Chromed brass**	-	65	38	11	40 x 30	14 x 30	8		1 right + 1 left
D	**421683**	**Chromed brass**	-	70	46	11	50 x 46	20 x 46	10		1 locking right
	404052	**Chromed brass**	-	85	38	11	50 x 30	20 x 30	8	Ajustable distance ± 5 mm	1 right + 1 left
E	**419220**	**Chromed brass**	-	86	38	17	60 x 30	25 x 30	10	Anti-vibration	1 reversible right/left

Handles & ring pulls


A

B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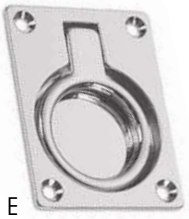
D


E

F

Flush ring pulls

	Ref.	Material	Model	Dimensions	Features	
A	**477068**	**304 st. steel**	Ring	Ø 50 mm x 10 mm thick	Spring-loaded	1
B	**416265**	**Chromed brass**	Ring	Ø 53 mm x 8 mm thick	Spring-loaded	1
C	**419452**	**304 st. steel**	Rectangle	44 x 38 x 11 mm	Spring-loaded	1
	415902	**304 st. steel**	Rectangle	65 x 55 x 11 mm	Spring-loaded	1
D	**13858**	**Chromed brass**	Rectangle	45 x 38 mm	-	2
F	**400165**	**Chromed brass**	Rectangle	63 x 48 x 6 mm	-	1
G	**13859**	**Polished brass**	Rectangle	61 x 47 mm	-	2

A

B

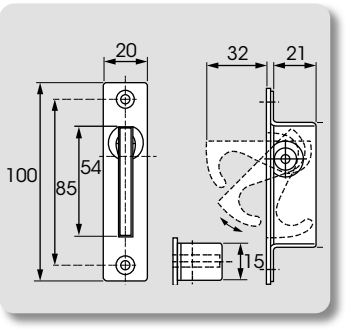
Flush lifting handles

	Ref.	Description	Length	Width	Thickn.
A	**401483**	**Polished brass**	74 mm	54 mm	8 mm
B	**400288**	**Chrome-plated brass**	75 mm	54 mm	8 mm

Flush pulls

Ref.	Material	L	W	H	Hole spacing	Thickn.	Features
420018	**304 st. steel**	100	20	23	85	2	Satin finish. Screws included.

Dimensions in mm

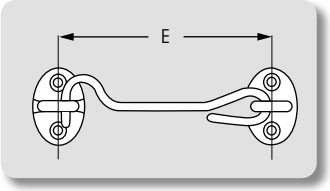


Hooks

Door hooks

A

B



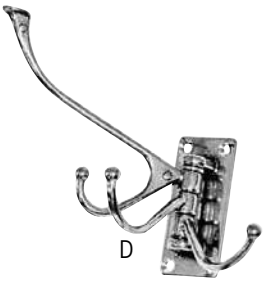
	Ref.	Material	Model	Overall Lenght	Hole Spacing E	Plate Dim.	
A	**402906**	**Stainless steel**	Articulated door hook	125 mm	100 mm	45 x 25 mm	1
B	**423011**	**Chromed brass**	Double articulated hook	98 mm	80 mm	32 x 18 mm	1

Coat hooks

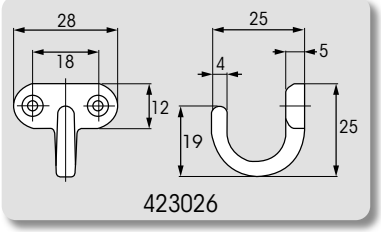
A

B

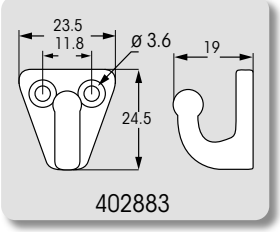
C


D

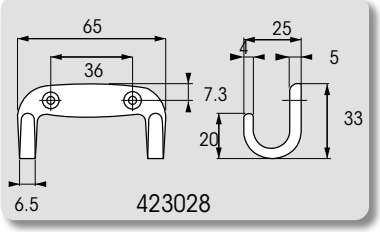
	Ref.	Model	Material	Dim. (W x H)	Opening	Screws included	
A	**423026**	**Single hook**	304 st. steel	28 x 25 mm	25 mm	✓	1
B	**402883**	**Single hook**	Chromed brass	25 x 25 mm	18 mm	-	10
C	**423028**	**Double hook**	304 st. steel	65 x 33 mm	25 mm	✓	1
D	**418262**	**4 folding hooks**	Chromed brass	81 x 39 mm	-	-	1



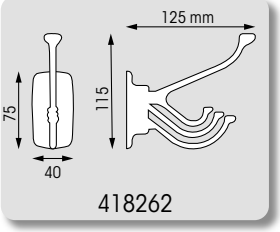
423026



402883



423028



418262

Dimensions in mm

Stays & Braces

Corner braces, 304 st. steel

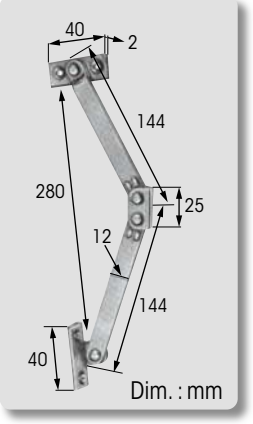
Ref.	Dimensions
426612	30 x 30 x 3 thick mm
426613	50 x 50 x 3 thick mm
426614	70 x 70 x 3 thick mm

418777

Articulated stay

- Right : **418777**
- Left : **418778**

Chromed brass.



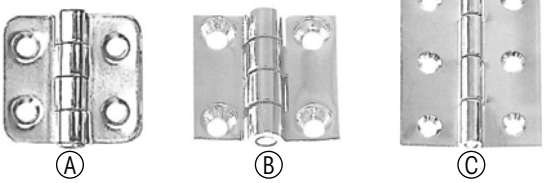
St. steel opening stay

421935

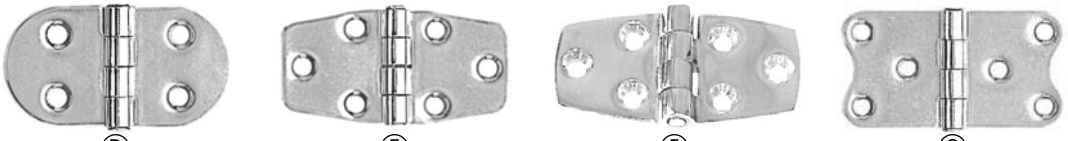
304 st. steel opening stay with automatic locking system.
90° opening, one position.
Length : 303 x 165 mm.
Width : 20 mm.

Hinges

St. steel hinges

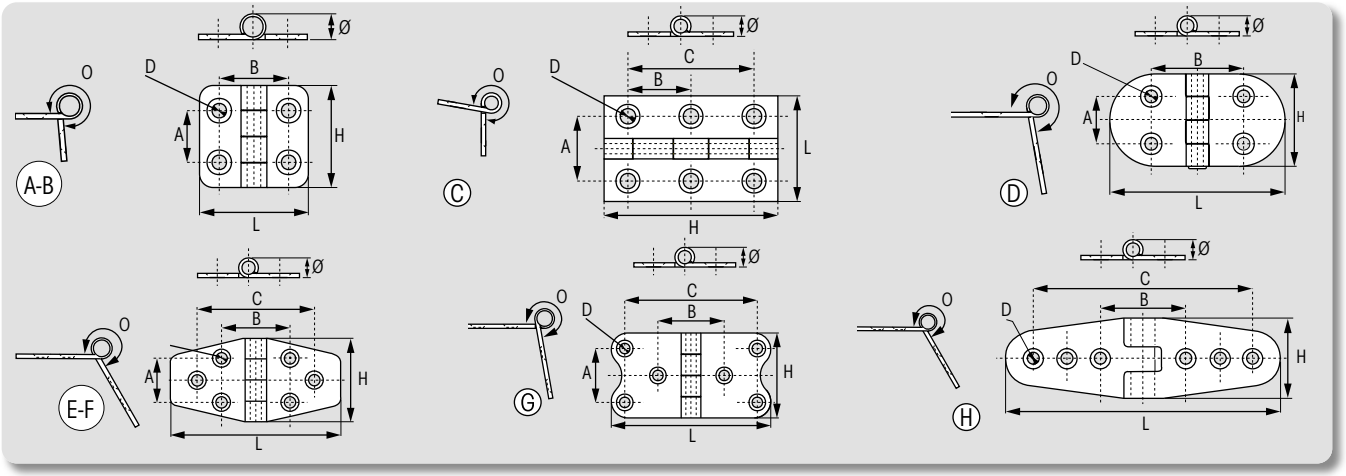


Dimensions in mm



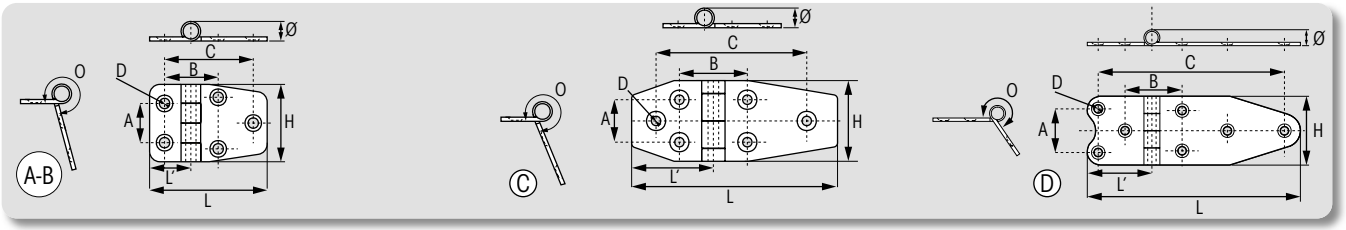
St. steel hinges

	Ref.	Material	Thickness	L	H	Opening (O)	A	B	C	Ø	D	
Ⓐ	**13836**	**316 st. steel**	2	36	40	270°	23	25	-	9.5	5	5
Ⓑ	**403376**	**316 st. steel**	4.8	51	50	280°	34.5	36	-	10	5	1
Ⓒ	**414575**	**St. steel**	2	60	80	270°	36	30	60	9.5	5.5	2
Ⓓ	**12429**	**316 st. steel**	2	74	41	260°	20	40	-	10	5	5
Ⓔ	**13838**	**316 st. steel**	2	76	40	260°	23	27.5	62	9.5	5.5	5
	13831	**316 st. steel**	2	76	40	270°	20	38	54	9	5.5	5
Ⓕ	**470814**	**316 st. steel**	4.6	75	39	280°	19.5	26.5	59.5	10	5	1
Ⓖ	**13827**	**316 st. steel**	2	74	41	280°	26	30	60.5	9	5.5	5
Ⓗ	**403673**	**316 st. steel**	4	158	28	280°	-	40	140	11	5	1
	13839	**316 st. steel**	2	102	31.5	280°	-	34	82	9.5	5.5	5



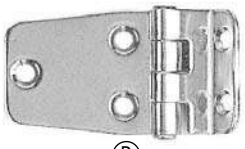
Asymmetric 316 st. steel hinges

	Ref.	Material	Thickness	L	L'	H	Opening (O)	A	B	C	Ø	D	
Ⓐ	**13837**	**316 st. steel**	2	57	19	40	270°	23	26	45	9	5.5	5
Ⓑ	**414873**	**St. steel**	2	86	37	40	270°	20	27	73.5	10	5	1
Ⓒ	**13833**	**316 st. steel**	2	97	39	40	270°	20	37	72.5	9.5	5.5	5
	13834	**316 st. steel**	2	126	39	40	260°	20.5	58	104	9.5	5.5	5
Ⓓ	**13828**	**316 st. steel**	2	126	37	41	270°	26	35	110	9.5	5.5	5



Dimensions in mm

Ⓐ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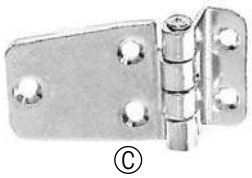
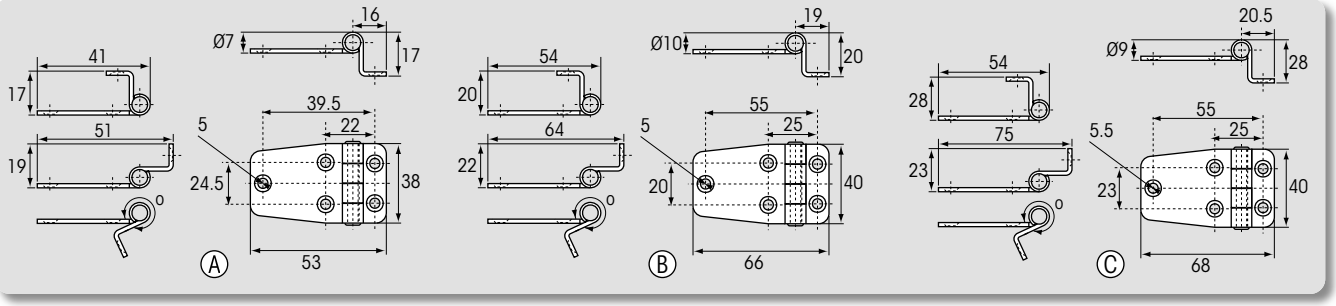

Ⓒ

Offset st. steel hinges

Ref.	Material	Thickness	Opening (O)	Knot Ø	
Ⓐ **403381**	**316 st. steel**	3.5	300°	7	1
Ⓑ **414874**	**Stainless steel**	2	330°	9.5	1
Ⓒ **13841**	**304 st. steel**	2	330°	9	5



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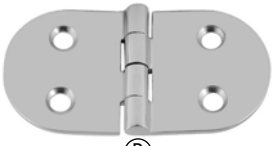
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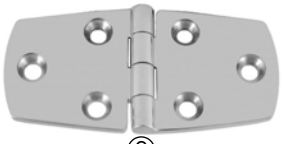
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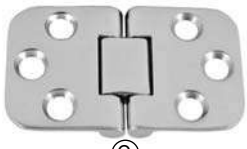
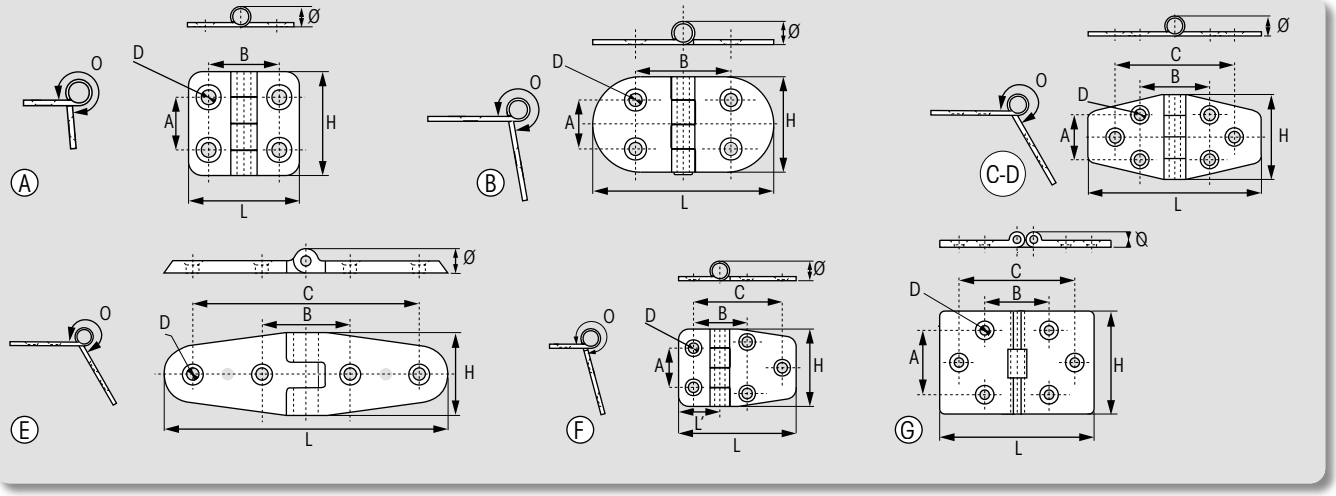

Ⓖ

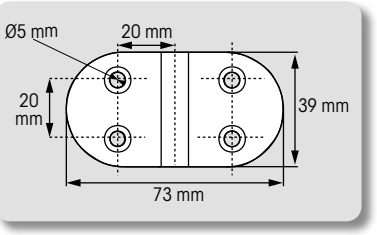
Invisible 316 st. steel hinges

Low profile barrels.
Barrels welded closed on both ends. Bright polished finish.

Ref.	Model	Thickness	L	L'	H	Opening (O)	A	B	C	Ø	D
Ⓐ **403364**	**Standard**	3.5	37	-	38	290°	25	25	-	7	4.5
Ⓑ **403627**	**Standard**	2.5	75	-	39	280°	19	42	-	7.5	5.5
Ⓒ **403377**	**Standard**	3.5	76	-	37	280°	22	25	61	7.5	4.5
Ⓓ **403378**	**Standard**	3.5	104	-	38	280°	20	29	91	7	3.5
Ⓔ **403674**	**Standard**	3	104	-	27	280°	-	37	88	7	5
Ⓕ **403379**	**Asymetric**	3	60	21.5	38.5	290°	22.5	25.5	42	7	5
Ⓖ **416161**	**Double axle**	2.5	70	-	41.5	180°	27	38	55.5	7.5	5



304 st. steel hinge - neoprene axle
63609

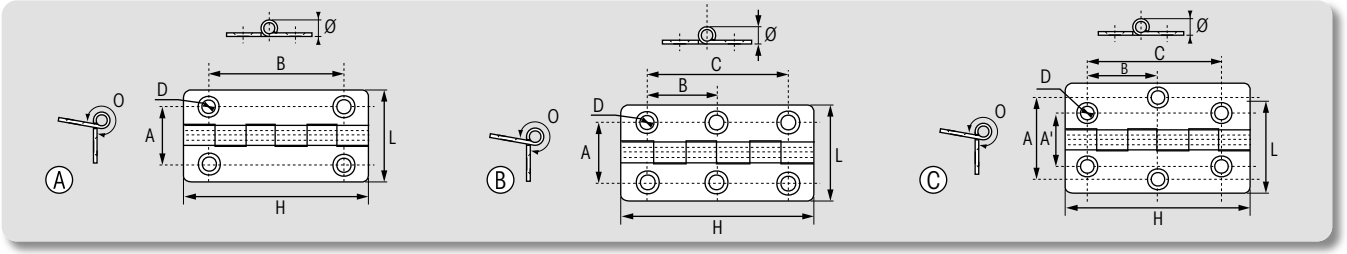


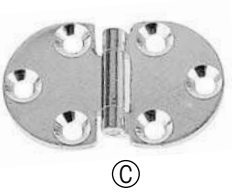
Brass hinges

Dimensions in mm

Rectangular hinges, chrome-plated brass

	Ref.	Thickness	L	H	Opening (O)	A	A'	B	C	Ø	D	
Ⓐ	**404070**	2	25	30	280°	16	-	17	-	5	3	10
	403998	2	30	40	280°	18	-	14	28	5	3	10
Ⓑ	**404061**	2	30	50	280°	17.5	-	16	32	5	3.5	2
	404091	2	50.5	70	300°	31	-	23	48	6	4	2
	404075	2	40	50	290°	29	18	16	32	6	3.8	2
	404087	2	50.5	50.5	290°	41	19	16	32	6	3.8	2
Ⓒ	**403996**	2	40	60	290°	29	18	21	42	6	3.8	2
	403995	2	40	70	290°	30	26	24	48	7	4	2
	404059	3	70	70.5	280°	49	31	23.5	47	7	4	2
	404058	3	80	80	280°	65	35.5	29.5	58	8	4.5	2

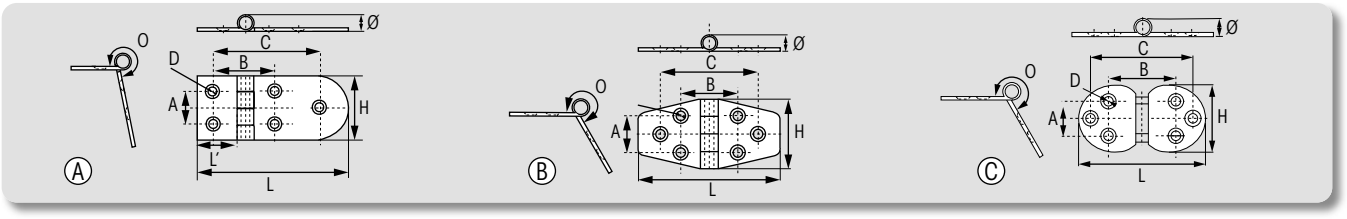




Hinges, chrome-plated brass

Ⓐ Ⓑ Ⓒ

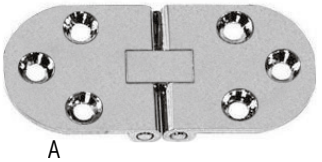
	Ref.	Model	Thickness	L	L'	H	Opening (O)	A	B	C	Ø	D	
Ⓐ	**404023**	Asymetric	3	76	26	30	280°	15	32.5	50	7	4	2
Ⓑ	**401484**	Trapeze	2	96	-	56	310°	38	38	79	12	5.4	1
Ⓒ	**416280**	Half circle, st. steel rod	2	47	-	30	290°	21	17	38	35	4.2	2



Polished brass hinges

Ref.	Thickness	Length	Height	
404008	2 mm	30 mm	40 mm	10
404068	2 mm	30 mm	50 mm	2
404006	2 mm	40 mm	60 mm	2

Special hinges

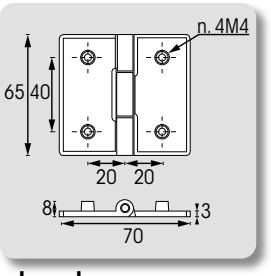


A

B

Double axle hinges

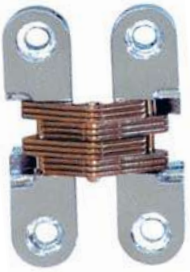
	Material	Ref.	Thickness	Length	Width	Knots Ø
A	Chromed brass	**413663**	2 mm	67 mm	30 mm	7 mm
B	Polished brass	**409423**	2 mm	67 mm	30 mm	7 mm

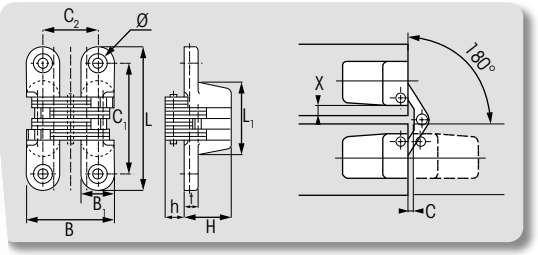


Hinge with threaded rod chromed brass

418263

Fastening with threaded rods (not included).
Opens through 290°.
Knot Ø : 9 mm





Flush-fit concealed hinges

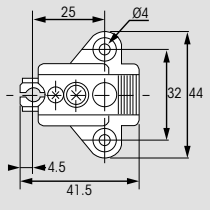
Flush-fit foldaway hinge.
180° opening.
Compact and easy to integrate.
Body in chrome zinc alloy. Small conecting rods & axis in st. steel.

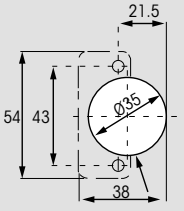
Ref.	Door thickness	Length (L) mm	Width (B) mm	B1 mm	Height (H) mm	L1 mm	C1 mm	C2 mm	Ø mm	h mm	t mm	C mm	X mm
421576	13 mm	43	29	11	13	22	32	18	3.5	5	5	0.8	2.3
420034	19 mm	60	35	13	18.5	33	47	22	4	6.5	6	1	3
220421	25 mm	70	42.5	16	23	35	53	26.5	4.5	7	7	1.2	3.5

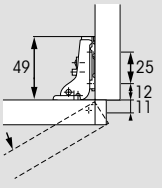
304 st. steel concealed hinges

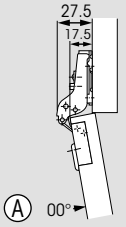
For door thickness : 15-20 mm.
100° integral opening.
Comes with plastic adjustment wedge.

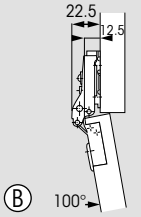
	Ref.	Door thickness
(A)	**420029**	9 mm (5-9 mm)
(B)	**420028**	14 mm (10-14 mm)



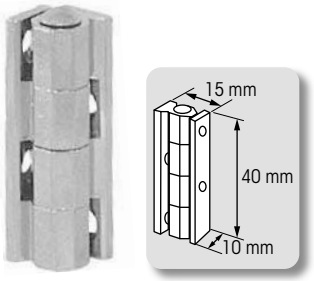








Dimensions in mm



Universal hinge

404021

Chrome plated brass.

St. steel piano hinges

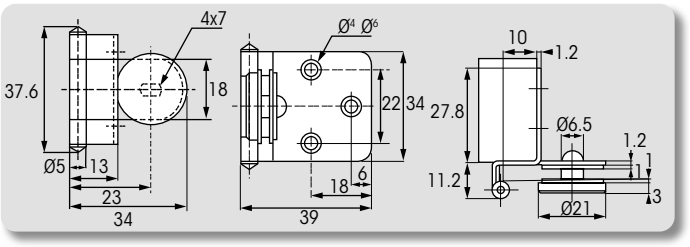
Ref.	Length	Width open	Knot length
404000	1.98 m	25 mm	15 mm
404001	1.98 m	32 mm	15 mm
405917	1.98 m	40 mm	15 mm
405986	2 m	50 mm	10 mm
405988	2 m	60 mm	10 mm

Glass door hinge

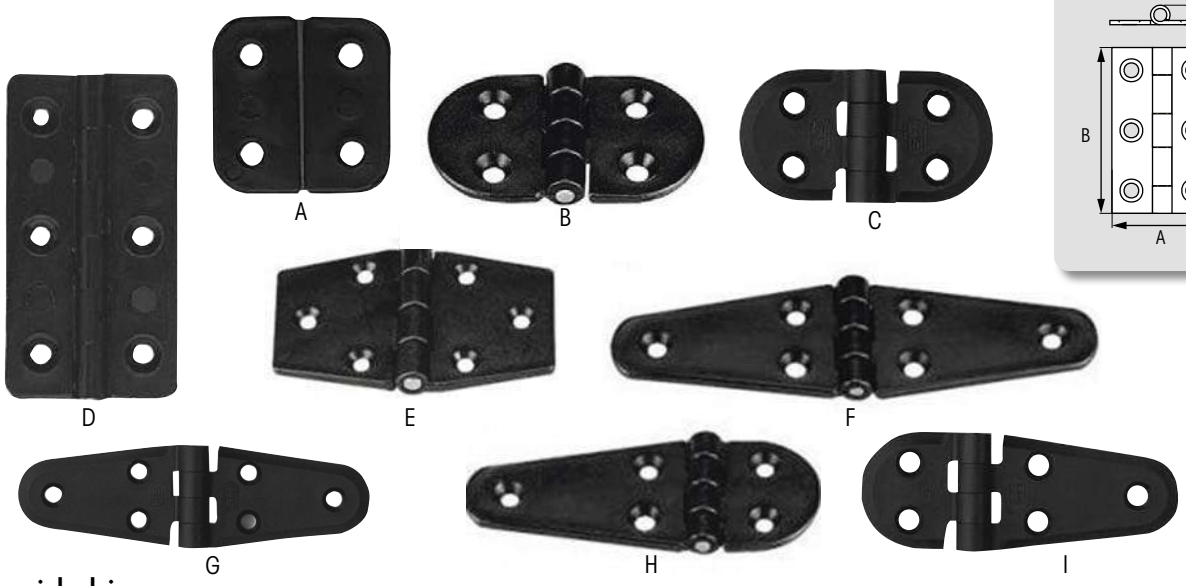
420394

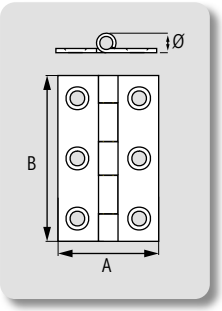
Hinge for glass or plexiglas door.
304 st. steel & anodised aluminum button.
For door :

- Max. width : 450 mm & max. height : 700 mm.
- Max. thickness : 4-6 mm.
- Max. weight : 4 kg (for 2 hinges).



Polyamide hinges





Polyamide hinges

Black polyamide. Stainless steel axis.

	Ref.	Description	Thickness	A	B	Ø axis	Opens through
A	**16671**	**Symmetrical, square**	2.5 mm	40 mm	40 mm	No axis	280°
B	**43680**	**Symmetrical, round**	4.5 mm	70 mm	40 mm	7.5 mm	270°
C	**16666**	**Symmetrical, round**	6.1 mm	76 mm	40.5 mm	12.1 mm	290°
D	**16674**	**Symmetrical, rectangle**	4.5 mm	40 mm	75 mm	7.5 mm	230°
E	**43653**	**Symmetrical, trapezoid**	4.5 mm	95 mm	60 mm	7.5 mm	270°
F	**43674**	**Symmetrical, triangle**	4.5 mm	135 mm	40 mm	7.5 mm	270°
G	**16668**	**Symmetrical, triangle**	6.1 mm	139 mm	40.5 mm	12.1 mm	290°
H	**43686**	**Asymmetrical, oval**	4.5 mm	100 mm	40 mm	7.5 mm	270°
I	**16667**	**Asymmetrical, oval**	6.1 mm	107.5 mm (69.5 + 37.5)	40.5 mm	12.1 mm	290°

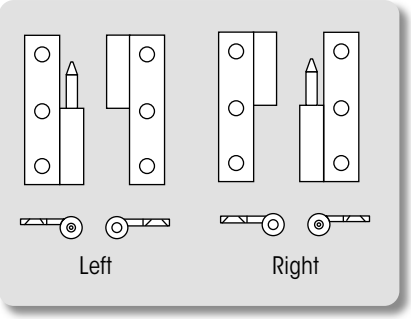
Hinges

A

B

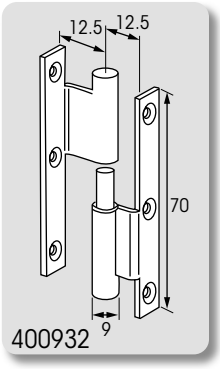
Take-apart hinges, chromed brass

	Model	Ref.	Thickness	Length	Width	
A	Right	**404093**	2 mm	60 mm	40 mm	2
	Left	**400905**	2 mm	60 mm	40 mm	2
	Right	**404094**	2 mm	70 mm	40 mm	2
	Left	**400961**	2 mm	70 mm	40 mm	2
B	Right	**413792**	3 mm	50 mm	65 mm	1
	Left	**400850**	3 mm	50 mm	65 mm	1



Offset take-apart hinge chrome-plated brass

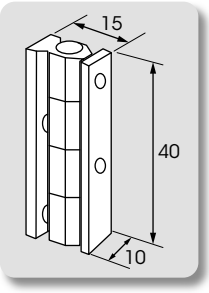
Model	Ref.	Thickness
Right	**400932**	2.5 mm
Left	**400931**	2.5 mm



Universal lift-off hinge

Chrome-plated brass.

404096



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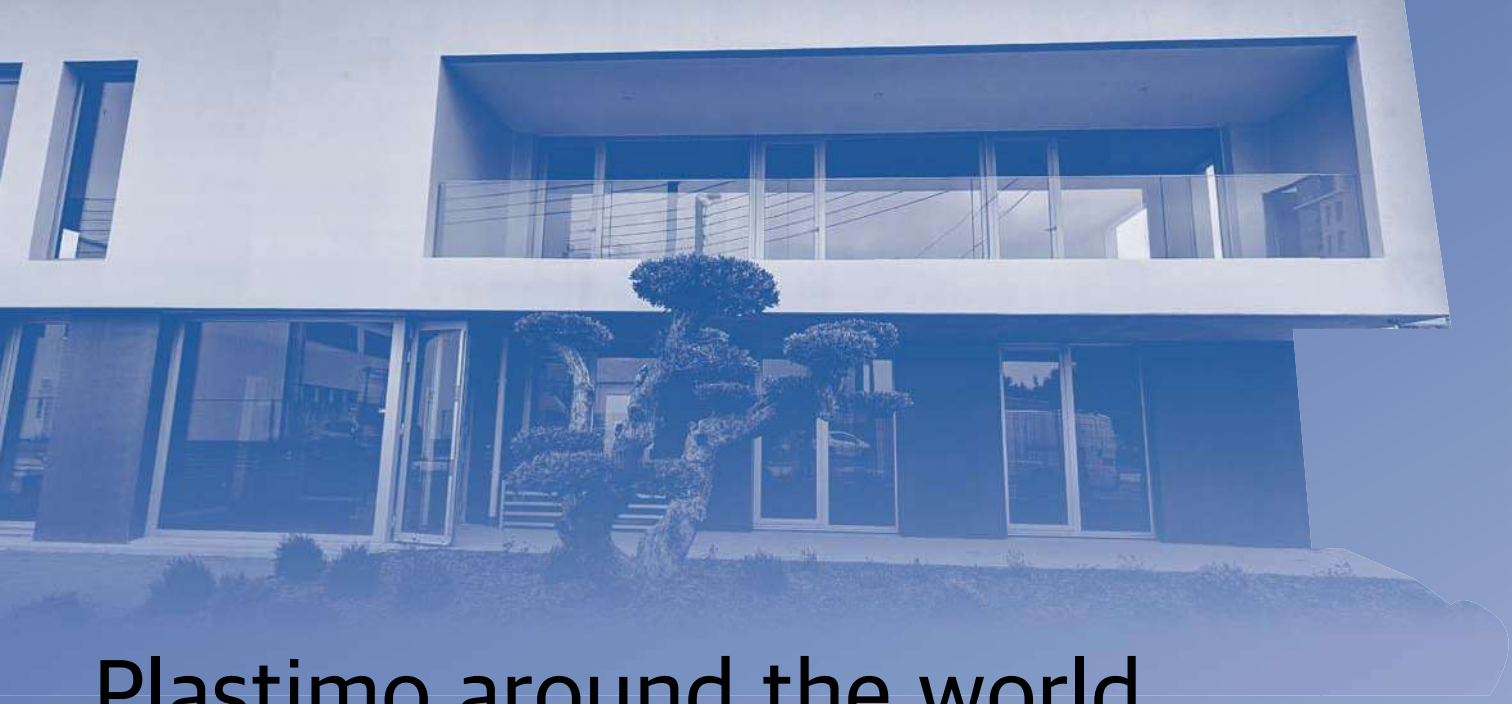

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