

Safety



Lifejackets & buoyancy aids

Lifejackets and buoyancy aids used in recreational or professional activities must comply with the specifications of the European Directive 89/686/CE on Personal Protective Equipment.

The CE mark of approval must be printed on the garment's label and testifies that the lifejacket complies with the European Directive. Lifejackets are ranked in 4 categories according to their use, performance and buoyancy level.

	Buoyancy aid 50 Newton	Lifejacket 100 Newton	Lifejacket 150 Newton	Lifejacket 275 Newton
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

* Lifejackets used on board commercial or passenger vessels must meet the requirements of Marine Equipment Directive 96/98 and SOLAS Specifications.

How to choose your jacket ?

• According to activity or use

The primary function of a lifejacket is to keep the victim's airways out of the water and to allow an efficient spotting in order to facilitate the rescuing manoeuvres.

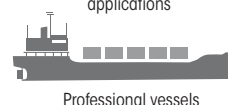
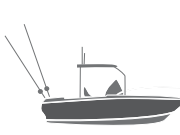
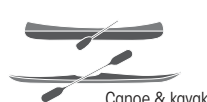
• Lifejacket or buoyancy aid ?

A lifejacket keeps the wearer safely on his back and provides enough buoyancy for use in different open and rough sea conditions. It provides self-righting capacity

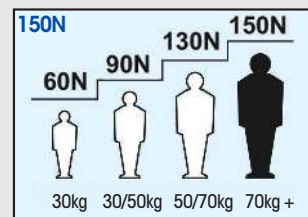
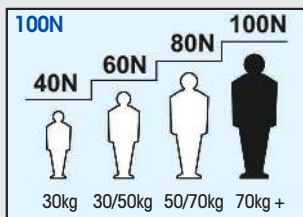
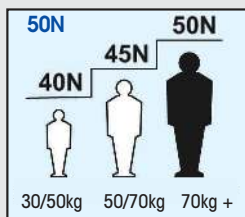
A buoyancy aid provides sufficient buoyancy for use in sheltered waters and does not offer self-righting capacity.

In addition, the type of sports or activity defines the level of performance expected from a PFD (personal floatation device) : in some cases, comfort and softness are critical, while other activities require durability and buoyancy first.

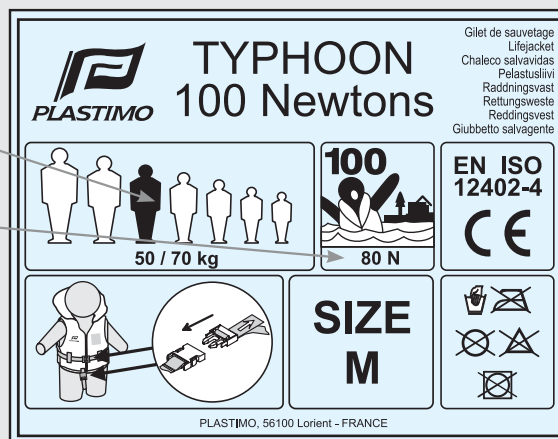
I. Joschke, skipper Figaro Bénéteau
Générali-Horizon Mixité



Read the label and understand your purchase



You have selected a **100 Newton category** lifejacket. The CE mark of approval testifies that this lifejacket is fully approved. Within the **100 N category** which you selected, it is **your own body weight** (hence the lifejacket size) which determines the actual buoyancy of the garment. In this example, the wearer weighs between 50 and 70 kg. (It is only in the case of a wearer weighing 70 kg or more that the required buoyancy is 100 N). For a wearer from 50 to 70 kg, within the 100 N category, the buoyancy required by CE standards is 80 N. Within a given category, a smaller size features proportionally less buoyancy.



Children's life-jackets are a specific case on their own :

Plastimo lifejackets designed for may wearers below 30 kg body weight systematically belong to the 100 Newton category.

Whether sailing in the open sea or by the shore, it is absolutely necessary to equip very young children with self-righting lifejackets, fitted with reflective material and hoisting loops or handles.

For some specific applications, national bodies or federations may recommend a buoyancy rating superior to standard.

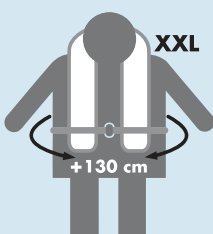
Example of Canoe-Kayak buoyancy aids : Plastimo developed 50 N category buoyancy aids, with an actual buoyancy upgraded to 70 N.

• According to activity or use

The primary function of a lifejacket is to keep the victim's airways out of the water and to allow an efficient spotting in order to facilitate the rescuing manoeuvres.



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 the lifejacket on before purchase.



Most inflatable lifejacket models* are designed for a 60 to 130 cm waistline. The Pilot 165 model, in XXL size, fits waistline up to 170 cm.

*adult size

• Choose between 2 technologies

Lifejacket with permanent floatation (foam technology)

Designed to be used either in the water/ water surface or in case of accidental fall into the water. Also provides a good protection against knocks and contributes to thermal protection.



Inflatable lifejacket (air bladder technology)

Designed specifically to be used in case of accidental fall into the water.

Extremely compact when non inflated, the inflatable lifejacket provides optimum freedom of movement. In the event of a man over board, the inflatable lifejacket (automatic or manual) provides ample floatation capacity.

How to choose



SPECIFICATIONS	SL 180 page 16	SL 180 PoWerboating page 17	PILOT RACE page 20	EVO 165 page 19	PILOT 165 page 15
Actual buoyancy* (standard rating)	180N (150N)	180N (150N)	165N (150N)	165N (150N)	165N (150N)
Straps and buckles With harness (EN ISO 12401) Without harness	Polyester/Dyneema	- 316L st. steel/polypro	Polyester/316L st. steel -	Polyester/316L st. steel Polypro/composite	Polyester/316L st. steel Polypro/composite
Turns wearer** safely on his back, even unconscious, within 5 seconds	✓	✓	✓	✓	✓
Inflation : gas bottle Tube for oral inflation with non-return valve. Also allows pressure adjustment.	38 g CO ₂ ✓	38 g CO ₂ ✓	33 g CO ₂ ✓	33 g CO ₂ ✓	33 g CO ₂ ✓
Firing / Inflation mechanism manual only automatic, water dissolving cartridge automatic Pro-Sensor, water dissolving cartridge automatic hydrostatic Hammar	- ✓ ✓	- ✓ ✓	- ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
Air chamber, yellow colour	Fully stitched to outer shell, fluo orange	Fully stitched to outer shell, fluo orange	Independent	Independent	Independent
Visibility of inflated jacket Retro-reflecting tapes Flashlight optional on all models	300 cm ²	300 cm ²	300 cm ²	300 cm ²	300 cm ²
Outer shell	Extra-soft polyester/ polyurethane	Extra-soft polyester/ polyurethane	Soft polyester material	Soft polyester material	Soft polyester material
Retro-reflective piping or patch	✓	✓	✓	-	✓
Closure	Zip	Zip	Velcro	Zip	Velcro
Crutch strap	Included	Optional	Included or optional	With or without	With or without
Size / waistline	60-130 cm	60-130 cm	60-130 cm	60-130 cm	60-130 cm XXL : 130-170 cm
Weight of lifejacket (as from ... g. / e.g. manual model, no harness)	1100 g	1000 g	940 g	730 g	700 g
Features common to all models	Whistle, grab loop in 25 mm polypropylene webbing				
Sprayhood	Included or optional	Optional	Optional	Optional	Optional
Specific features	Optimal equipment (sailing)	Loop for kill cord	Detachable neck fleece	Water drop shape	All-rounder lifejacket, also in XXL size

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

**most wearers.

your inflatable lifejacket ?

3 year
Warranty

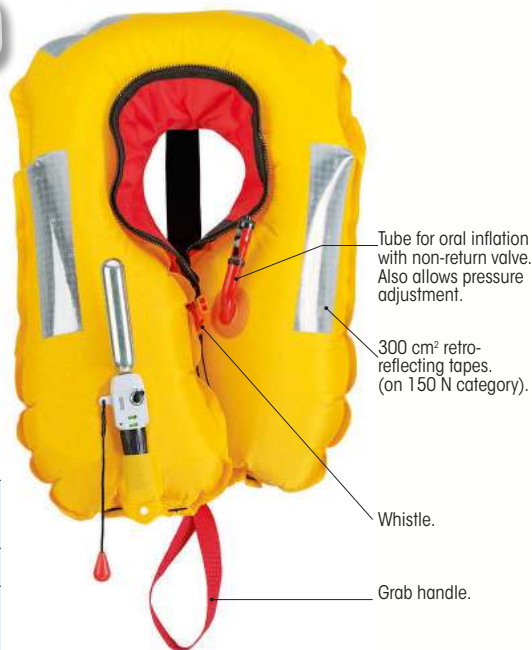
Compliant standards currently in force :

- Lifejackets without a harness : EN ISO 12402-3, applicable to 150 N lifejackets.
- Lifejackets with a harness : EN ISO 12402-3, applicable to 150 N lifejackets, and EN ISO 12401 applicable to safety harnesses.

All automatic lifejackets are also manual.



PILOT FISHING page 21	QUICKFIT page 21	PILOT 275 page 22	PILOT 290 page 23	PILOT Pro 180 page 24
165N (150N)	165N (150N)	275N (275N)	290N (275N)	180N (150N)
- Polypro/composite	Polyester/316L st. steel Polypro/composite	Polyester/316L st. steel Polypro/composite	Polyester/316L st. steel -	Polyester/316L st. steel Polypro/composite
✓	✓	✓	✓	✓
33 g CO ₂	33 g CO ₂	60 g CO ₂	60 g CO ₂	33 g CO ₂
✓	✓	✓	✓	✓
✓ ✓	✓ ✓ ✓	✓ ✓ ✓ ✓	✓ ✓	✓ ✓
Independent	Fully stitched to outer shell	Independent	Independent	Independent
300 cm ²	300 cm ²	400 cm ²	400 cm ²	300 cm ²
Coated material, washable	Soft polyester material	Polyester material	Polyester material	Coated material, washable
-	-	✓	✓	✓
Velcro	Velcro	Velcro	Zip	Zip
Option	Included	With or without	Double, included	With or without
60-130 cm	86-157 cm	60-175 cm	60-175 cm	60-175 cm
710 g	790 g	970 g	1100 g	880 g
(to grab the casualty and hoist him/her out of the water)				
Optional	-	Optional	Included or optional	Optional
Washable outer shell	Quick folding and compact	recreational boating and commercial/ army-navy	recreational boating and commercial/ army-navy, with Molle® attachment straps	Washable outer shell



**MADE BY
PLASTIMO**

Options & accessories

see pages 26-27



Traditional
lifejacket :
See page 32

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

Manual or automatic? Some hints to help you choose. Inflation can be triggered in 3 ways :

- **Oral inflation** : possible on all lifejacket models. The oral inflation tube allows you to top up or reduce the air volume.
- **Manual inflation** : firing the CO₂ gas cylinder is done by pulling an activating handle. Specially recommended for sailors who may be occasionally immersed when manoeuvring (for example when sitting out on rather acrobatic manoeuvres).
- **Automatic inflation** : the lifejacket inflates automatically on immersion in the water. Recommended for cruising, an absolute must for non-swimmers and for single-handed sailors, as the lifejacket inflates even if the wearer is unconscious.

All automatic lifejackets are ALSO MANUAL.

2 automatic inflation principles :

- **Automatic inflation with water-dissolving capsule or cartridge** : a chemical product dissolves when in contact with water, which activates the inflation head and releases the gas.
- **Automatic inflation with Hammar hydrostatic mechanism** : when the lifejacket is fully immersed in the water, the hydrostatic pressure acts on a diaphragm. As the pressure increases (i.e. as the wearer goes deeper in the water), the diaphragm lets the water through and the inflation head is automatically activated. This system offers a better guarantee that the lifejacket may not inflate unintentionally when exposed to a water spray or when stowed in a damp locker. When wearing foul weather clothing, a lifejacket has to overcome the fact that air is often trapped in the clothing causing the user to both surface quickly and float on his back. This may cause slow or non-activation of the inflator, as this will place the valve uppermost, preventing it from being sufficiently submerged. An unchanged parallel position of the body to the water surface with the hydrostatic valve uppermost has the same effect. In such cases, the manual backup (pull tab) should be used to inflate the lifejacket. Changing position in the water, or jumping or falling into the water in all other ways, will immediately activate the hydrostatic valve and the lifejacket will inflate.

Inflatable lifejacket inspection & servicing procedure

3 year
Warranty

An inflatable lifejacket must be serviced and thoroughly inspected at regular intervals, to make sure it is fully operational.

Visual inspection conducted by the skipper or boatowner

Before putting off to sea, we strongly recommend that you check visually the general condition of your lifejacket.

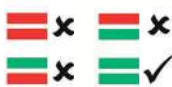
This consists in checking the major components and making sure that none of them gives evidence of any wear and tear : outer shell, inflation chamber, straps, fastening buckles, whistle, retro-reflective tapes, CO₂ cylinder, firing head.

You must pay particular attention to the following :

- **Firing head** :
The gas bottle must be full, firmly secured/
screwed and showing no sign of corrosion.
The green retaining clips must be in place
on the firing head.



On lifejackets equipped with a Pro-Sensor automatic firing head, a green (or red) indicator gives evidence that the firing head is operational or indicates that the gas cylinder is either pierced or not screwed tightly enough.



- **Expiry date** :
The date indicated on the firing head of automatic or hydrostatic models must be valid.



Servicing conducted by an authorised station at regular intervals

This complete servicing process consists in :

- A thorough inspection of the lifejacket general condition.
- Inflating the lifejacket to check for airtightness.
- Inspecting the inflation system (inflation head, CO₂ 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.

Pilot 165 lifejacket



Cruising and intensive use.

- **Buoyancy** : Rated 150 N, actual buoyancy 165 N (33 g CO₂ gas bottle).
- **Ergonomic shape** : short on chest and cutaway sides, rounded neck for superior comfort. Hardwearing and flexible outer shell with reflective piping.
- **Visibility of inflated jacket** : yellow air chamber + 300 cm² retro-reflecting tapes.
- **Backstrap**, 40 mm polypropylene : ensures perfect body fit when lifejacket is inflated.



- **Viewing window** on Pro-Sensor models helps monitor status of firing mechanism.
- Grid patch on Hammar models accelerates the water entry to trigger the firing head quicker and ensure a prompt deployment of the air chamber.



63419
Automatic, no harness

Short on chest
with cutaway sides



63426
Pro-Sensor, no harness



63433
Hydrostatic
with harness
Grid patch accelerates the
water entry to trigger the firing
head quicker



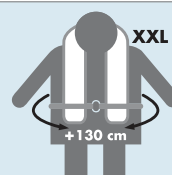
PILOT 165 no harness (EN ISO 12402-3)

	BLACK	NAVY		RED		RED XXL	
	WITH crutchstrap	WITH crutchstrap	NO crutchstrap	WITH crutchstrap	NO crutchstrap	WITH crutchstrap	NO crutchstrap
Manual	63414	65042	63413	65041	63412	-	-
Automatic	63420	65046	63419	65045	63418	65057	63436
Automatic Pro-Sensor	63426	65050	63425	65049	63424	-	-
Hydrostatic Hammar	63432	65054	63431	65053	63430	-	-



PILOT 165 with harness (EN ISO 12402-3 / 12401)

	BLACK	NAVY		RED		RED XXL	
	WITH crutchstrap	WITH crutchstrap	NO crutchstrap	WITH crutchstrap	NO crutchstrap	WITH crutchstrap	NO crutchstrap
Manual	63417	65044	63416	65043	63415	-	-
Automatic	63423	65048	63422	65047	63421	-	-
Automatic Pro-Sensor	63429	65052	63428	65051	63427	65058	63437
Hydrostatic Hammar	63435	65056	63434	65055	63433	65059	63438



Standard size : for
60-130 cm waistline.
XXL size : for 130-170 cm
waistline.



François Gabart, skipper of trimaran MACIF, winner of 2015 Transat Jacques Vabre, winner of 2016 Transat Bakerly.

SL 180 lifejacket

Designed for intensive use and agile sailing. Waistcoat style inflatable lifejacket, tailored for comfort and performance.

EN ISO
12402-3
12401

180
Newton

Rated 150 N,
180 N actual buoyancy.

Ergonomic and unobtrusive

- **Practical and intuitive donning** : zipped waistcoat style allows for perfect body fit in all manoeuvres and body positions.
- **Adaptable** : shoulder and waist quick fix/release adjusters to adapt to all body sizes and shapes.
- **Modular** : pocket for extra accessories (flashlight, lightsticks, PLB...).

SL
180

SL 180 lifejacket
(blue water and agile sailing).



Fluo orange air chamber, fully stitched to outer shell.

Model	Colour	Ref.	Inflation	Harness	Double crutchstrap	Sprayhood
SL 180	GREY	64111	Automatic	✓	✓	Optional, ref. 64950
		64112	Automatic Pro-Sensor	✓	✓	Optional, ref. 64950
		64113	Hydrostatic Hammar	✓	✓	Optional, ref. 64950
		65538	Automatic Pro-Sensor	✓	✓	✓
		65539	Hydrostatic Hammar	✓	✓	Integrated as standard feature
SL 180	ORANGE	64968	Automatic	✓	✓	Optional, ref. 64950
		64969	Automatic Pro-Sensor	✓	✓	Optional, ref. 64950
		64970	Hydrostatic Hammar	✓	✓	Optional, ref. 64950

Options & accessories

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



- **W3 compact flashlight**
60833



- **Safety knife**
65475



- **Re-arm packs (38 g. CO₂)** :
Automatic : 64114
Automatic Pro-Sensor : 64115
Hydrostatic Hammar : 64116

Dyneema® is a registered trade mark of DSM.



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



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



Zipped pocket for safety equipment.



Outer shell closure with Quickburst® zip for air chamber to deploy instantly.

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.

SL 180 & SL 180 PoWerboating

Outer shell

Flexible and very comfortable.
Soft mesh neckline, foam-padded back panel, retro-reflective stripe.
Quickburst® zip outer shell closure.
1 zipped pocket for additional safety equipment (flashlight, PLB...).

Inflation – firing mechanism

Automatic, automatic Pro-Sensor or hydrostatic Hammar.
180 N actual buoyancy (38 g CO₂ bottle).

Air chamber

Fluo orange air chamber, fully stitched to outer shell.
+ polyurethane (PU) film buoyancy chamber inside.
2 attachment straps for extra equipment.

Visibility

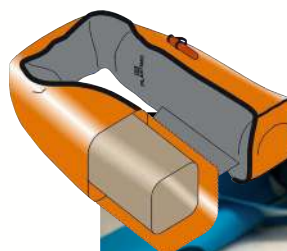
- inflated jacket
 - closed lifejacket
- Fluo orange air chamber + 300 cm² sewn reflective tape.
Reflective tape on outer shell.

Harness Buckles & straps

EN ISO 12401 harness (except on SL180 PW) : adjustable waist strap, 46 mm wide.
Stainless steel quick fix/release side adjusters on all models.
60-130 cm waistline.
Double crutchstrap (except SL180 PW).

Sprayhood ISO 12402-8

Originally integrated on ref. 65538 and 65539.
Optional (ref. 64950) on all other models.



Hervé Cochanner ©

MADE BY PLASTIMO



J. M. Liot ©

**SL^{PW}
180**

SL 180 PW lifejacket

(PoWerboating)

The SL 180 PW lifejacket is designed for powerboating : features a loop to clip the kill cord.



Model	Colour	Ref.	Inflation	Sprayhood
SL^{PW} 180	TURQUOISE	64966	Automatic Pro-Sensor	Optional, ref. 64950
		64967	Hydrostatic Hammar	Optional, ref. 64950



© J.M. Liot

EVO 165 lifejacket



With zip closure

EVO 165

CE
EN ISO
12402-3
12401

165
Newton

- **Buoyancy** : Rated 150 N, actual buoyancy 165 N (33 g CO₂ gas bottle).
- **Outer shell ergonomic design** : short cut on chest combined with rounded shape provide superior comfort and mobility. Very easy donning. Foam padded patch on stomach, integrated to waist belt. Flexible and hardwearing material.
- **Visibility of inflated jacket** : yellow air chamber + 300 cm² retro-reflecting tapes.
- **Backstrap**, 40 mm polypropylene : ensures perfect body fit when lifejacket is inflated.
- **Viewing window** helps monitor status of firing mechanism, on automatic Pro-Sensor and Hammar hydrostatic models.



Outer shell with **Quickburst® zip closure**, allows a controlled opening of the lifejacket. Added comfort on shoulders and good looks.



Foam padded patch on stomach, integrated to waist belt.

"Full comfort safety
Plastimo proposes a very innovative and ergonomic lifejacket, a very good value for money jacket. (...) a big step forward in terms of ergonomics. Its waterdrop design combined with lightweight (730 g) makes you forget you are wearing it. (...) In terms of buoyancy, the EVO jacket features 165 N, i.e. 15 N above the required standard.
(...) The new Plastimo lifejacket definitely raises the bar."

**Voile
magazine**

June 2015

On Hammar models : a mesh patch on the outer shell accelerates the water entry to trigger the firing head quicker.

Zipped outer shell with Quickburst® system for air chamber to deploy instantly.



Quick side donning.

Options & accessories



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



- **PLB's**
See page 79.



- **W3 compact flashlight 60833**



- **Safety knife 65475**



- **Re-arm pack :**
A - Manual : 40199
B - Automatic : 40200
C - Automatic Pro-Sensor : 58460
D - Hydrostatic Hammar : 58461

EVO 165	EVO no harness (EN ISO 12402-3)			
	BLACK		RED	
	WITH crutchstrap	NO crutchstrap	WITH crutchstrap	NO crutchstrap
Manual	-	65174	-	65172
Automatic	65180	65197	65179	65178
Automatic Pro Sensor	65186	-	65185	65184
Hydrostatic Hammar	65192	-	65191	-



EVO 165	EVO with harness (EN ISO 12402-3 / 12401)	
	BLACK	RED
	WITH crutchstrap	WITH crutchstrap
Manual	65177	65176
Automatic	65183	65182
Automatic Pro Sensor	65189	65188
Hydrostatic Hammar	65195	65194



Pilot Pocket 150 N lifejacket 25579

150 Newton category, manual inflation.
Lifejacket folded in a canvas carry pouch to wear around the waist. Zipped pocket on the front for small accessories (20 x 10 cm L x H).
Fits waistline 55-140 cm.

- One of the least obtrusive of all PFD's, ideal for :
- Surfers, windsurfers, kitesurfers, SUP-riders.
 - Sailors who do not like to wear a lifejacket.
 - People who have an activity by the shore and do not want to wear a lifejacket permanently.
 - Phobic ferry or liner passengers.



Pilot Race lifejacket

Isabelle Joschke,
Générali Horizon Mixité

© Th.Martinez / Sea&Co



Hardwearing and comfortable,
particularly suitable for intensive use.

165
Newton

CE
EN ISO
12402-3
12401



Viewing window :

Both Pro-Sensor and Hammar inflation systems indicate visually the status of the firing mechanism. If the gas bottle is pierced or not properly tightened, the indicator turns red automatically.



Options & Accessories

- **Colour fleece collar set : 62238**
6 fleece collars of different colours. Customises every lifejacket and helps crewmembers identify their own. Very useful once lifejacket has been adjusted to fit your own bodysize.



- **Spare fleece collar, black : 62239**



- **Re-arming kits**

Hammar hydrostatic : 58461
(33 g CO₂ bottle + Hammar mechanism).

Pro-Sensor automatic : 58460
(33 g CO₂ bottle + dissolving cartridge).

- **Crutch strap : 50524**

- **Emergency light : 62058**
Features a loop for attachment to the oral inflation tube.

- **Choice of tethers, see page 40**



Reflective piping.

Removable neck fleece.

Plastic ring to secure accessories.

Zippered pocket for personal safety equipment.

Velcro retainer to conceal the st. steel D-ring when tether is not hooked.

57442 : Hydrostatic Hammar.

Pilot Race 150 N

- **Buoyancy** : Rated 150 N, provides 165 N actual buoyancy.
- **Inflation** : Hammar or Pro-Sensor automatic inflation systems. An indicator system confirms the status of the firing mechanism : green indicates if lifejacket is operational.
- **Air chamber** : independent, inflated by CO₂ gas bottle.
- **Visibility of inflated jacket** : yellow air chamber + 300 cm² retro-reflecting tapes, sewn on the jacket for increased durability.
- **Black outer shell** : low profile, body-hugging design and rounded removable fleece collar for optimum comfort.
- **Harness waist strap** : 46 mm adjustable polyester webbing.
- **Backstrap**, 40 mm polypropylene : ensures perfect body fit when lifejacket is inflated.

PILOT RACE with harness	With crutch strap	Without crutch strap
Automatic Pro-Sensor	57505	57441
Hydrostatic Hammar	57506	57442



Reflective piping and detachable neck fleece.

Quickfit lifejacket



Lightweight :
as from 790 g.

Quickfit 150 N inflatable lifejacket

- Recommended use : day cruising, occasional crewmembers or family cruise.
- 150 N rated buoyancy, 165 N actual buoyancy.
- Manual, automatic or hydrostatic (Hammar) inflation system.
- Air chamber : fully stitched to outer shell, fast and simple re-pack after use. 33 g CO₂ air cylinder.
- Outer shell : slim chest design for added comfort. Twin strap on the back for layflat shoulder position (40 mm polypropylene webbing).
- Includes crutch strap as standard feature.

QUICKFIT without harness (EN ISO 12402-3)		
Inflation system	RED	NAVY BLUE
Manual	63724	63725
Automatic	63726	63727
QUICKFIT with harness (EN ISO 12402-3 / 12401)		
Manual	63728	63729
Automatic	63730	63731
Hydrostatic (Hammar)	63732	63733

165
Newton

Pilot Fishing lifejacket



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

PILOT FISHING	
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 or hydrostatic. • On hydrostatic model, a mesh patch built into the outer shell accelerates the water entry to trigger the firing head quicker.
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.
Buckles	Buckles in composite material.
Grab loop	Facilitates grabbing the person and hoisting out of the water. 25 mm wide polypropylene webbing

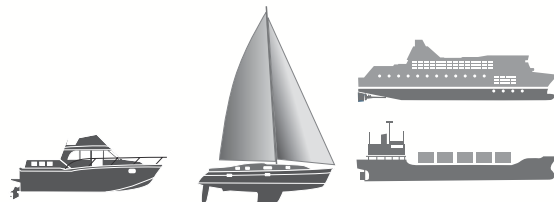
PILOT FISHING	
Automatic	63760
Hydrostatic Hammar	63761

Options

- Crutch strap, ref. 50524.
- Emergency light, ref. 62058.

Pilot 275 lifejacket

Equally suitable for recreational navigation and for professional or industrial applications. Suitable for stout body sizes or wearers with heavy protection gear.



- **Lifejackets without a harness :**
EN ISO 12402-2, applicable to 275 N lifejackets.
- **Lifejackets with a harness :**
EN ISO 12402-2, applicable to 275 N lifejackets,
and EN ISO 12401 applicable to safety harnesses.

CE
EN ISO
12402-2
12401

275
Newton



Pro-Sensor 62135

Hydrostatic Hammar,
62138 with crutchstrap



Y-shaped 25 mm polypropylene straps hold the lifejacket flat on the back and ensure a better weight distribution on the shoulders.

PILOT 275 N

Recommended use	Intensive use and extreme weather conditions (skipper, regular cruising or racing). Comfortable and hard-wearing lifejacket.
Inflation / firing mechanism	• CO₂ gas cylinder, 60 g. • Inflation mode : manual, automatic, automatic Pro-Sensor or hydrostatic Hammar. • Status monitoring on Pro-Sensor and Hammar models : red/green indicator shows clearly the firing mechanism status.
Air chamber	Totally independent air chamber, protected by the outer cover.
Visibility when inflated	Yellow chamber. 400 cm ² retro-reflecting tapes, sewn on the jacket for added resistance and perfect adherence.
Outer cover	Rounded comfortable neck. Reflective piping on shoulders. Viewing window on Pro-Sensor and Hammar models, to monitor the status of the firing mechanism.
Back strap	Y-strap in the back, for improved comfort and better body fit. 25 mm wide polypropylene webbing.
Waist strap	• With an EN ISO 12401 harness : 46 mm wide adjustable polyester webbing. • Without a harness : 40 mm wide polypropylene webbing. Designed for 60-175 cm waistline.
Buckles	• With an EN ISO 12401 harness : 316 L stainless steel buckles, non-magnetic. • Without a harness : buckles in composite material.

PILOT 275 no harness (EN ISO 12402-2)

	BLACK	RED	
	WITH crutchstrap	WITH crutchstrap	NO crutchstrap
Manual	-	65068	62131
Automatic	-	65069	62132

PILOT 275 with harness (EN ISO 12402-2/12401)

	BLACK	RED	
	WITH crutchstrap	WITH crutchstrap	NO crutchstrap
Automatic	62134	65070	62133
Automatic Pro-Sensor	62136	65071	62135
Hydrostatic Hammar	62138	65072	62137

Pilot 290 lifejacket

CE
EN ISO
12402-2
12401

290
Newton

Equally suitable for recreational navigation and for professional or industrial applications.
Rated 275 N category with **290 N actual buoyancy**.
Suitable for stout body sizes or wearers with heavy protection gear.

- Automatic or hydrostatic Hammar inflation.
- Double Quickburst® zip outer shell closure.
- Heavy duty outer shell.
- Integrated safety harness, stainless steel quick fix/release side adjusters.
- Comprehensive equipment and multiple possibilities for extra add-ons to customise your lifejacket.

Model	Ref.	Inflation	Sprayhood	Harness	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	✓	✓	✓



Pilot 290 Ocean



PILOT 290 N	
Outer shell	Heavy duty outer shell fabric, PVC coated on one side. Dual Quickburst® zip closure. 3 Molle® attachment straps for extra accessories. 1 zipped pocket.
Inflation – firing mechanism	Automatic or hydrostatic Hammar. 290 N actual buoyancy (60 g CO ₂ bottle).
Air chamber	Polyurethane (PU) air chamber.
Visibility	• inflated lifejacket: Yellow bladder + 400 cm² reflective tape. SOLAS alkaline flashlight (on Ocean model). • closed lifejacket: 2 reflective piping on outer shell.
Harness Buckles & straps	EN ISO 12401 harness built-in on all models : adjustable waist strap, 46 mm wide, with st. steel quick fix/release side adjusters. 60-175 cm waistline. Double crutchstrap as standard feature.
Sprayhood ISO 12402-8	Originally integrated on Ocean model ref. 65580. Optional on other models (ref. 64950).

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 pocket** 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).

Options & accessories



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



- **Compact W3 flashlight 60833**



- **Sprayhood 64950**
12402-8 compliant



- **Safety knife 65475**



- **Jack A1 alkaline flashlight 65558**



- **Re-arm pack**
Automatic : 50375
Hydrostatic Hammar : 61634

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

Professional fishing boats, merchant vessels,
oil and windmill platforms, industry applications.

180
Newton

CE
EN ISO
12402-3
12401

150 N rated buoyancy,
180 N actual buoyancy.



© B. Leglaim



65318



65321



65321

Presented with optional
PLB and flashlight

- Zipped outer shell.
- Yellow fabric, PVC coated on both sides : **washable**.
- Attachment loop on chamber for extra safety add-ons.

Model	Ref.	Inflation	Crutchstrap
Pilot Pro 180 NO harness	65318	Automatic	Optional, ref. 50524
	65319	Hydrostatic Hammar	
Pilot Pro 180 WITH harness	65320	Automatic	✓
	65321	Hydrostatic Hammar	



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

PILOT 180 N	
Recommended use	Comfortable and hard-wearing, perfectly adapted to intensive working conditions. Lifejacket with 150 N rated buoyancy, 180 N actual buoyancy.
Performance	Self-righting capacity : turns most wearers face up within 5 seconds, even unconscious (equipped with a regular foul weather gear).
Inflation / firing mechanism	• CO₂ gas cylinder (38 g). • Tube for oral inflation, with non-return valve. • Automatic or hydrostatic Hammar inflation modes. • Status monitoring : green indicator shows clearly the firing mechanism status.
Air chamber	Totally independent air chamber.
Visibility when inflated	Yellow chamber. 300 cm ² retro-reflecting tapes.
Outer shell	Zipped outer shell. Yellow fabric, PVC coated on both sides, washable and fire-retardant . Rounded comfortable neck. Reflective piping on shoulders.
Back strap	Improved comfort and better body fit. 40 mm wide polypropylene webbing.
Waist strap	• With EN ISO 12401 harness : 46 mm wide adjustable polyester webbing. • Without harness : 40 mm wide polypropylene webbing. Fits waistline 60 to 175 cm.
Buckles	Composite material for model without harness. Stainless steel for model with harness.
Grab loop	Facilitates grabbing the casualty and hoisting out of the water. 25 mm wide polyester webbing.
Whistle	Secured with lanyard inside the lifejacket.

Options



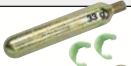
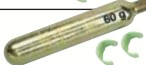
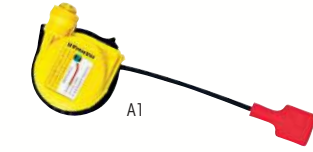
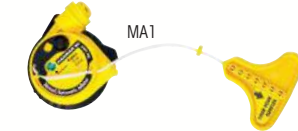
Sprayhood : 64950
CE EN ISO 12402-8

Selection of tethers, flashlights,
dye marker, PLB's etc.
See other pages close
to this section.

Re-arming kits for lifejackets



How to identify the right re-arming kit for your lifejacket ?

Which firing head ? (open the outer cover to identify the type of firing head)	Your lifejacket	The re-arm pack you need to order	Accessories
	MANUAL FIRING LIFEJACKET		
	Pilot 150-165 N, EVO 165 N, Family, Optisafe, Pilot Basic, Pilot Pocket, Quickfit 150 N.	40199	
	Pilot 275-300 N	50374	
	AUTOMATIC FIRING, WITH WATER-DISSOLVING CARTRIDGE		
	Pilot Junior 100 N, Quickfit Junior	38429	
	Pilot 150-165 N, EVO 165 N, Family, Optisafe, Quickfit 150 N	40200	
	SL 180 N	64114	
	Pilot IOR with dan buoy	53486	
	Pilot 275-300 N	50375	
	Pilot 150-165 N, EVO 165 N	58460	
	SL 180 N	64115	
	Pilot 275-300 N	61654	
AUTOMATIC FIRING, WITH HAMMAR HYDROSTATIC SYSTEM			
	Pilot 150-165 N, Optisafe, Quickfit 150 N	40201	
	Pilot 275-300 N	50376	
	Pilot IOR with dan buoy	53487	
	Pilot 150-165 N, EVO 165 N, Quickfit 150 N	58461	
	SL 180 N	64116	
	Pilot 275-300 N	61634	

UML 5 water dissolving cartridge : 40255
(replacement recommended once a year)

Pro-Sensor water dissolving cartridge : 58505
(replacement recommended once a year)

Hammar A1 hydrostatic release mechanism : 42440
(replacement recommended every 4-5 years)

Hammar MA1 hydrostatic release mechanism : 61671

Re-arming kits include :

- Manual inflation lifejackets : a CO₂ gas cylinder and a locking clip.
- Automatic inflation lifejackets, with water-dissolving capsule : a CO₂ gas cylinder, water-dissolving capsule and a locking* clip.
- Automatic inflation lifejackets, with Hammar hydrostatic firing system : a CO₂ gas cylinder, a hydrostatic release mechanism and an opener.

Automatic firing head with water-dissolving cartridge or capsule :

We advise you to check the cartridge or capsule if your lifejacket has been stored in a damp atmosphere and, as a safety precaution, we recommend the replacement of the cartridge/cylinder at the beginning of the sailing season. In that case (as long as the gas cylinder is intact), you should order the capsule or cartridge alone.

Automatic Hammar hydrostatic firing head : Should be replaced every 4 to 5 years.

* Except for re-arming kit for Pro-Sensor firing head.

Weight of gas in the cylinder per type of jacket :
 100 N : 24 g
 150-165 N : 33 g
 180 N : 38 g
 150 N + IOR dan buoy = 45 g
 275-300 N : 60 g

Accessories for lifejackets

**MADE BY
PLASTIMO**



Sprayhood shown on EVO lifejacket.

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 290 lifejacket.



M4-A manual flashlight 65614

LED flashlight, manual activated.

- Alkaline battery (5-year storage time) : no transport restrictions.
- Light output : 0.75 candela minimum.
- Easy to test.
- Light run time : 8 hours minimum.
- Bracket to mount on webbing strap.
- Weight 42 g (bracket included).
- Dimensions : H 17 x L 61 x W 30 mm (H 21 mm including dome).



Jack A1 automatic flashlight 65558

LED flashlight, manual and automatic activated.

- Alkaline battery (5-year storage time) : no transport restrictions.
- Light output : 4.5 candela minimum, 51 flash/minute.
- Easy to test.
- Light run time : 8 hours minimum.
- Bracket to mount on webbing strap.
- Weight 67 g.
- Dimensions : H 16 x L 85 x larg. 42 mm (H 25 mm including dome).



Crutch strap 50524

Strongly recommended : prevents the lifejacket from riding up when in the water, thus making swimming easier. 25 mm wide polyester webbing, with plastic buckle.



Mini-Flares 300575

Penjector and 6 red aerial flare cartridges. Burns for 4 seconds at 5.000 candela. Penjector : 12 cm x Ø 1 cm Kit : 18 x 7.5 cm



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.

Signalling

W3 compact flashlight

Ultra-luminous lifejacket flashing LED light. The light is protected by an ultra low-profile dome ensuring a large light beam thus reducing damage possibilities during rescue operations. The light activates automatically when in water and can be turned off manually. Fits all types of lifejackets.



Ref.	Description
A 60833	W3 flashlight with fixing clip.
B 62058	W3 flashlight with loop for attachment to oral inflation tube of inflatable jacket.
C 61941	W3 flashlight with mounts for universal use (inflatable lifejacket, windsurf, kitesurf...). Supplied with: Velcro band and attachment plate; loop for attachment to oral inflation tube of inflatable jacket; self-adhesive Velcro.

- Type of battery : Lithium (5-year run time).
- Flash frequency : 55 per minute.
- Light output : 0.75 candela.
- Light run time : 8 hours.
- Weight : 35 g (fixing clip included).
- Dimensions : H 26.9 x L 55.9 x W 37.8 mm.



Sea Flash lifejacket light 60908

Extremely bright white LED flashlight. Activates automatically when the small sensor at the end of the trailing wire makes contact with water.

The light can be activated and switched off manually by simply pressing the button on the light body. Fits all types of lifejackets. Fixing on strap ≤ 50 mm.



Option

61032

Plate for attachment to lifejacket oral inflation tube.

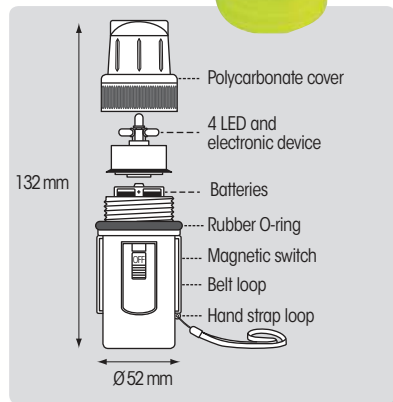


- Type of battery : CR2 Lithium.
- Flash frequency : 50 to 54 per minute.
- Light output : > 1 candela.
- Run time : 10 hours.
- Weight : 32 g (including clip).
- Dimensions : 45 x 19 x 31 mm (light), 51 x 9.8 mm (clip).

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 : 50 hours.
- Visibility up to 2 km.
- ABS body and polycarbonate optic.
- Weight : 190 g with batteries.
- Power supply : 3 piles AA (not included).
- Supplied with lanyard and arm-strap.



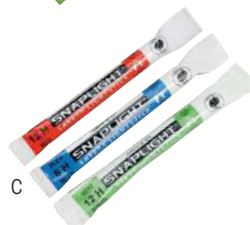
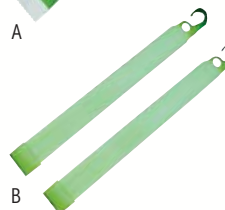
Cyalume® lightsticks

Indispensable for every crewmember sailing at night. Visible at a distance of over one mile, this watertight floating light features an eye for attachment to a lifejacket or sailing jacket. 100 % reliable, unbreakable, non-corrosive, watertight, nontoxic. It does not produce any flames or sparkles, it is nonflammable, does not require any batteries and can be used in a variety of circumstances :

Man overboard, gas leak, electricity failure or black-out, engine breakdown, windward use, in or below the water, mooring light...

- Floating stick 24 x 2 cm, with attachment eye.
- Produces a bright light instantly.
- Minimum range 1 mile.

Lightstick type	Ref.	Run Time	
A Green lightstick	19668	12 hours	10
B Kit of 2 green lightsticks	301487	12 hours	1 kit of 2
C Kit of 3 assorted lightsticks (blue, red, green)	38847	Blue : 8 hours Green & Red : 12 hours	1 kit of 3
- Infra-red lightstick	301715	8 hours	100



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.



Dinghy & multisports buoyancy aids



CE
EN ISO
12402-5

50
Newton

Coastal navigation,
river/lake activities



Olympia

Weight	Size	OLYMPIA Blue/black	OLYMPIA Silver
30-50 kg	S	63688	63693
50-60 kg	M	63689	63694
60-70 kg	M	63690	63695
70-90 kg	L	63691	63696
+ 90 kg	XL	63692	63697



Trophy

Weight	Size	TROPHY Yellow/black	TROPHY Silver/black
30-50 kg	S	63684	63929
50-70 kg	M	63685	63930
70-90 kg	L	63686	63931
+ 90 kg	XL	63687	63932

	OLYMPIA	TROPHY
Buoyancy	50 Newton - polyethylene foam	50 Newton - polyethylene foam
Durability	100 % polyester outer shell.	100 % polyester outer shell.
Fastening & body fit	Adjustable waist belt with plastic buckle. Drawstring at hem and neck.	Adjustable waist belt with plastic buckle. Drawstring at hem and neck. Heavy duty zip.
Comfort	Wide elasticated armholes. Buoyancy floats : 1 block in front, 2 blocks in back.	Wide elasticated armholes. Short, non obstrusive cut for optimum ease of movement. Buoyancy floats : 2-block construction in front and back.
Other features	Loop in the neck to hang buoyancy aid.	Loop in the neck to hang buoyancy aid.

Jibe buoyancy aids

All-rounder buoyancy aid for dinghy or racing catamaran, windsurf, kitesurf and paddleboard.

CE
EN ISO
12402-5

50
Newton



Ref.	Weight	Chest size
65342	30-40 kg	60-78 cm
65343	40-60 kg	78-100 cm
65344	60-80 kg	100-120 cm
65345	> 80 kg	> 120 cm



Buoyancy	50 Newton. PVC foam one-block buoyancy floats.
Durability	100 % polyester outer shell + heavy duty Ripstop on back and sides.
Fastening	• Large link lateral zipper with locking slider. • Adjustable shoulder straps. • Adjustable side with strap and plastic buckle. • Tidy stowage of waist strap with Velcro system.
Comfort	• Soft flexible foam for perfect body fit. • Easy side entry. • Specially tailored to wear with harness. • High on chest with wide elasticated armholes for maximum freedom of movement. • Quick draining front pocket in mesh to carry small safety accessories. • Outer shell removable for easy cleaning.
Visibility	Front, back and neckline reflecting lines.

Specially tailored to wear with harness.
Quick draining pocket in mesh.



A - Locking slider.
B - **Ripstop** fabric.
C - Tidy stowage of waist strap with Velcro system.

Buoyancy aids

Water ski & jet ski

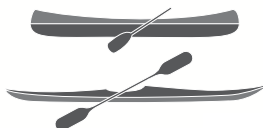


Passion

Weight	Size	PASSION Blue/black	PASSION Silver/black
30 - 50 kg	S	63698	63702
50 - 70 kg	M	63699	63703
70 - 90 kg	L	63700	63704
+ 90 kg	XL	63701	63705

PASSION	
Buoyancy	70 Newton (certified in 50 N category) Polyethylene foam.
Durability	100 % polyester outer shell.
Fastening & body fit	4 fastening straps with buckles. Drawstring tightening at hem.
Comfort	Elasticated cutaway style around the arms for maximum freedom of movement.
Protection	Good stomach and chest protection.

Canoe & kayak



Specifically tailored for paddling activities : paddler is seated and does the same ample arm/shoulder movement repeatedly.



Stream

Weight	Size	STREAM Silver
30 - 40 kg	S	63925
40 - 60 kg	M	63926
60 - 80 kg	L	63927
+ 80 kg	XL	63928



Stream HD

Weight	Size	STREAM HD Red
30 - 40 kg	S	63671
40 - 60 kg	M	63672
60 - 80 kg	L	63673
+ 80 kg	XL	58507

	SLIP-OVER	HD SLIP-OVER
Buoyancy	70 Newton (certified in 50 N category). Polyethylene foam.	70 Newton (certified in 50 N category). Polyethylene foam.
Durability	100 % polyester outer shell.	100 % polyester outer shell, PVC coated. Heavy duty.
Fastening & body fit	Crutch strap.	Crutch strap with plastic loop.
	Adjustable waist belt with plastic buckle.	Adjustable waist belt with plastic buckle on the side.
	Waist belt concealed in a tunnel, to reduce the risk of snagging in branches.	Waist belt concealed in a tunnel, to reduce the risk of snagging in branches.
Comfort	Slip-over construction provides the largest possible armcut.	Slip-over construction provides the largest possible armcut.
	One-block buoyancy floats (back + front).	One-block buoyancy floats (back + front).
Visibility	-	Bright colour. 100 cm ² reflecting tapes on shoulders.

The European standard requires a 50 Newton buoyancy for canoe and kayak practice, mostly carried out in sheltered water or where help is close at hand.

However, for extra safety, Plastimo has uprated its range to a 70 Newton actual buoyancy : our buoyancy aids are approved in the 50 N category, but provide 70 N actual buoyancy.

Rodeo buoyancy aids

Ergonomic tailored and body-hugging :
specifically designed for paddling activities
(canoe, kayak, SUP...).
Comprehensive features, multiple pockets
and adjustments all contribute to safe
and comfortable riding.



J.M. Ltd ©

CE
EN ISO
12402-5

70
Newton



The European standard requires a 50 Newton buoyancy for canoe and kayak practice, mostly carried out in sheltered water or where help is close at hand.

However, for extra safety, Plastimo has uprated its range to a 70 Newton actual buoyancy : our buoyancy aids are approved in the 50 N category, but provide 70 N actual buoyancy.

Buoyancy	Rated 50 Newton, actual buoyancy 70 Newton. PVC foam one-block buoyancy floats.
Durability	100 % polyester outer shell back + heavy duty Ripstop on back and sides.
Fastening	• Large link lateral zipper with locking slider. • Adjustable shoulder straps. • Adjustable side with strap and plastic buckle. • Tidy stowage of waist strap with Velcro system.
Comfort	• Soft flexible foam for perfect body fit. • Easy side entry. • Wide elasticated armholes for easy paddling and freedom of movement. • Quick draining front pocket in mesh to carry small safety accessories. • Back pocket designed for a 1 L water pouch*, max. dimensions 16 x 27 cm (W x H). • Outer shell removable for easy cleaning.
Visibility	Front and back reflecting lines.

Ref.	Weight	Chest size
65301	30-40 kg	60-78 cm
65302	40-60 kg	78-100 cm
65303	60-80 kg	100-120 cm
65304	> 80 kg	> 120 cm



* Water pouch not included.



Loops to hold the drinking tube.



Quick draining pocket in mesh.



A - Locking slider.
B - Ripstop fabric
C - Tidy stowage of waist strap with Velcro system.

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.

Performance & features	150 N category		100 N category	
	CE EN ISO 12402-3	150 Newton	CE EN ISO 12402-4	100 Newton
Self-righting capacity		✓		✓
Polyethylene foam buoyancy		✓		✓
Orange outer shell, 100 % polyester		✓		✓
Double crutchstrap, adjustable		✓		-
Grab handle		✓		-
Retro-reflecting tapes		✓ 300 cm²		✓ 100 cm²
Whistle		✓		✓



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.



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

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.





Plein Sud fishing vest

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.

CE
EN ISO
12402-5

50
Newton

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



B. Leglatin ©

CE
EN ISO
12402-4

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.



Dog flotation vests

Flotation ensured by soft closed cell foam.
Fix-lock fastening. Adjustable straps.

Size	Example of dog	Ref.	Buoyancy
XS	Yorkshire	18405	6 N
S	Jack Russel, King Charles, Shi Tzu	18406	10 N
M	Spaniel	18407	20 N
L	Labrador, Retriever	25360	40 N

CE
EN ISO
12402-5

50
Newton



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.



Children's lifejackets



WEARER UP TO 30 KG =
100 NEWTON-CATEGORY
LIFEJACKET.

Jean-Marie Lot ©

100
Newton



Typhoon lifejacket

Self-righting capacity, keeps the child's head well out of the water.

- **Buoyancy** : polyethylen foam. Buoyancy is higher than the minimum required by official standards (transcends minimum requirements by 30 %).
- **Large roll-around collar** with increased buoyancy providing added comfort and improved head support.
- **Visibility** : bright colours and retro-reflecting tapes.
- **Closure** : zip + adjustable waist belt with plastic clip, hem tightening drawstring for snug fit.
- **Crotch strap**.
- **Grab handle**.
- **Whistle**.

CE
EN ISO
12402-4



Typhoon lifejacket, Testsieger (test winner) compared to 8 models and brands by German magazine YACHT :

"The test winner is the Plastimo Typhoon which revealed no weakness at all. Reasonably priced, very well equipped with a grab handle in the neck and a buckled crotch strap, it is definitely the right choice."

Child's weight	Age (as a guide only)	Orange no pattern	Yellow igloo pattern	Orange plane pattern
3 - 10 kg	Baby/toddler 1 - 2 years	58614	58853	58850
10 - 20 kg	Child 2 - 5 years	58615	58854	58851
20 - 30 kg	Child 5 - 8 years	58616	58855	58852

Yacht

April 2013



Pilot Junior lifejacket

150 Newton category,
120 Newton buoyancy.

Pilot Junior with harness : **64118**

Pilot Junior without harness : **64117**

- Self-righting capacity.
- Designed for children from 18 to 40 kg.
- Fully automatic inflation with a 24 g CO₂ cylinder.
- Red outer cover.
- Neon yellow air chamber with retroreflective tapes.
- Fitted with a grab loop and a crotch strap.

CE
EN ISO
12402-3
12401

150
Newton



PLASTIMO



64118
With harness.



64117
Without harness.

Baby lifejacket

100 Newton category lifejacket.
Self-righting capacity, keeps the child's head well out of the water.

- **Buoyancy** : polyethylen foam. Buoyancy is higher than the minimum required by official standards (transcends minimum requirements by 30%).
- **Large roll-around collar** with increased buoyancy providing added comfort and improved head support.
- **Visibility** : bright orange colour and retro-reflecting tapes.
- **Comfortable to wear** : front flotation panel is split in 2 for increased comfort ; adjustable crotch piece.
- **Closure** : adjustable waist belt with plastic clip, hem tightening drawstring, neck closing strap.
- **Grab handle** and loop in the back to attach a safety line.
- **Whistle**.

Child's weight	Age (as a guide only)	BABY
3 - 8 kg	Baby/toddler 0-2 years	63743
8 - 15 kg	Child 1-5 years	63744
15 - 30 kg	Child 4-10 years	63745
30 - 40 kg	Child 8-12 years	63746

CE
EN ISO
12402-4

100
Newton

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 the lifejacket on before purchase.



Inflatable or traditional foam lifejacket for your small fry ?

Both types meet the specifications required by the EC standard ; they are self-righting and feature a large flotation pillow collar to support the child's head efficiently and keep the airway out of the water.

- **Inflatable lifejacket for children** is always an automatic inflation type ; even if the child falls into the water unconscious or cannot swim, the lifejacket inflates automatically, by mere contact with the water. However, we tend to recommend inflatable jackets only for children aged 6 or 7 and above, i.e. an age when the child can swim a little and moves around the boat with a relative freedom of movement. An inflatable lifejacket is ideal for a child who is already acquainted with life on board and reasonably aware of danger ; less cumbersome than a foam jacket, it contributes to the child's better freedom of movement and can thus have a positive effect on his/her involvement on board.
- For toddlers, and indeed for most children, we still recommend **the traditional foam flotation lifejacket** : your child is literally «bundled up» in a protection shell. While its primary function is to provide flotation, its foam volume acts as a real bumper, protecting the child from hard knocks ; also, it definitely slows down the movements of an inquisitive and adventurous brood, which some parents may find comforting !

Last but not least, do not forget to surround your decks with netting : in addition to the lifejacket which is the bare essentials, the guardrail netting is a wise and simple precaution.

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 & Master Elite



70
Newton

Weight	Size	Colour webbing straps	CLUB MASTER	CLUB MASTER ELITE
30-40 kg	S	Blue	63938	63943
40-60 kg	M	Grey	63939	63944
60-80 kg	L	Black	63940	63945
+ 80 kg	XL	Red	63941	63946

Club Master

CLUB MASTER & CLUB MASTER ELITE	
Buoyancy	70 Newton actual buoyancy (certified in 50 N category)
	100 Newton in XS size < 30 kg. • Club Master : polyethylene foam buoyancy • Club Master Elite : one-block foam buoyancy with superior flexibility.
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.



100
Newton

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	CLUB MASTER ELITE
30 kg (5-6 yrs)	XS	63937	63942
		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).

SOLAS lifejackets

Commercial, fishing & passenger vessels

B.V. Legation ©



With flashlight
59406

Adult

59403



Lifejackets designed for use on board fishing, commercial, recreational or passenger vessels above 25 metres.



59404

Child



59405



SOLAS-MED
96/98
OMI MSC 200 (80)

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	Without flashlight	With flashlight
Adult > 43 kg	59403	59406
Child 15 to 43 kg	59404	59407
Toddler/Infant < 15 kg	59405	59408

	Adult	Child	Toddler/Infant
Wearer	43 - 140 kg (waist 175 cm max.)	15 - 43 kg	< 15 kg
Buoyancy	165 N	135 N	80 N
Storage dimensions (folded)	32 x 32 x 25 cm L x W x Th.	30 x 30 x 22 cm L x W x Th.	52 x 30 x 10 cm L x W x Th.
Features	Buoyancy provided by polyethylene foam distributed in chest block and collar block for extra head support. Chin strap to optimise head position, adjustable belt with plastic buckles, retroreflective tapes (400 cm ²), floating safety line, whistle, optional flashlight.		
Extra	-	-	Double crutch strap, grabloop on collar, zip closure.

Storage



Folded for flat storage



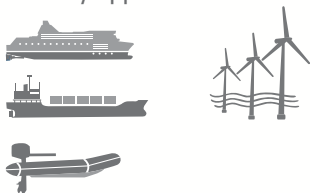
Folded for vertical storage

SOLAS inflatable lifejackets



180
Newton

Professional applications : merchant and fishing vessels, oil windmill platforms, industry applications...



Austral 180 lifejackets

Rated 150 N,
provide 180 N actual buoyancy.

- Automatic inflation
- Dual chamber (2 x 33 g CO₂ bottles)
- Double Quickburst® zip outer shell closure
- Integrated safety harness, stainless steel quick fix/release side adjusters
- Double crutchstrap
- Flashlight



Washable

Model	Ref.	Sprayhood	Inflation	Harness	Double crutchstrap	Flashlight
Austral 180, red outer shell	64290	- Optional, ref. 64950	Automatic	✓	✓	✓
Austral 180 HR, orange outer shell, coated on both sides	64291	- Optional, ref. 64950	Automatic	✓	✓	✓
	65336	✓ Integrated as standard feature	Automatic	✓	✓	✓

Also comes as all inclusive version, with integrated sprayhood : ref. **65336**

	AUSTRAL 180	AUSTRAL 180 HR
Outer shell	Heavy duty outer shell, PVC coated on one side Double Quickburst® zip closure	Heavy duty outer shell, PVC coated on both sides : Easy care, washable. Double Quickburst® zip closure
Inflation – firing mechanism	Automatic, 180 N actual buoyancy : 2 x 33 g CO ₂ bottles	
Air chamber	Polyurethane (PU) double chamber	
Visibility	• inflated lifejacket: Yellow bladder + 400 cm² reflective tape • closed lifejacket: Bright colours + 2 reflective piping on outer shell	
Harness Buckles & straps	Harness built-in on all models. Double crutchstrap as standard feature. 46 mm wide waist strap and st. steel quick fix/release side adjusters. 60-175 cm waistline On waist strap : pocket with safety line	
Sprayhood ISO 12402-8	Optional, ref. 64950	Originally integrated, or optional depending on model



Options & accessories



• **Sprayhood**
64950

• **Spare flashlight**
60833

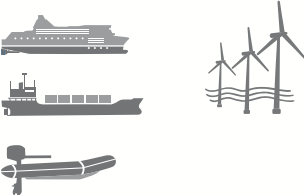


• **Re-arm pack :**
40200 x 2
Order 2 kits
per lifejacket



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.

Professional or industrial use :
commercial or fishing vessels,
windfarms and oil-rigging
platforms...



3 year
Warranty

Courtesy of WPD Offshore



Also available with Hammar hydrostatic
inflation system, on special request.

SOLAS inflatable lifejackets

- Dual chamber.
- 2 automatic firing heads with 2 x CO₂ gas cylinders (2 x 33 g for 150 N jacket ; 2 x 60 g for 275 N jacket).
- 2 tubes for oral inflation.
- Crutch strap.
- 55 - 140 cm waistline.
- Whistle.
- Automatically activated light (lithium battery).
- Grab handle.
- Safety line.

	SOLAS lifejackets	Ref.
150 N	Fire-proof cover	59415
275 N	Red nylon cover	59416

Options & Accessories



• **Sprayhood**
39819



• **Spare LED flashlight**
60908



• **Waist belt extender**
61136
Up to 175 cm waist size

• **Re-arm pack**
for 150 N : 40200 x 2*
for 275 N : 50375 x 2*
*order 2 kits per lifejacket



Army & navy

Capitalising on a comprehensive leisure activity range, Plastimo also develops technical skills and industrial expertise to meet the specific needs of army and navy forces.

Our Marketing team supported by reactive R & D engineers ensure that we will always be able to meet your requirements in terms of product design and specifications or compliance with a particular standard.

FEATURES	French Navy lifejacket	Commando lifejacket
Buoyancy category	150 N	275 N
Turns most wearers safely on their back within 5 seconds (even unconscious)	✓	✓
Inflation : gas cylinder Tube for oral inflation with non-return valve.	1 x 33 g CO ₂ ✓	1 x 60 g CO ₂ ✓
Inflation manual only automatic, water-dissolving capsule automatic, Hammar hydrostatic <i>All automatic lifejackets are also manual.</i>	✓ ✓ -	- - ✓
Yellow air chamber	Independent	Independent
Visibility when inflated : • Flashlight, included as standard • Retro-reflecting tapes	✓ 300 cm ² + mirror	✓ 400 cm ² + mirror
Outer shell	Army green PVC coated material	Black, very hardwearing
Fire-retardant	✓	✓
Crotch strap	Included (twin)	Included (single)
Waistline	90-150 cm	90-150 cm
Weight of lifejacket	880 g	1280 g

Pockets, add-on accessories, comfort extra features : see specific description by model

All our models can be customised to meet your particular requirements. Contact our sales office for any specific request.



CE
EN396

150
Newton

French Navy inflatable lifejacket

For standard service and emergency manoeuvres on all vessels.

- 150 N buoyancy.
- Inflation : manual or automatic.
- Army green PVC coated cover, fire retardant coating, Velcro or zip closure.
- Automatic distress light, 2 dye marker pouches.
- Supplied in storage bag.



CE
EN ISO
12402-2

275
Newton

Commando inflatable lifejacket

Designed for assault troops. Supports one person + 30 kg of combat equipment.

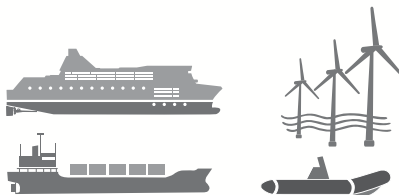
- 275 N buoyancy.
- Inflation : hydrostatic (Hammar).
- Special device prevents hydrostatic inflation when required (when trooping or jumping into the water) ; retro-reflecting tapes can be hidden for camouflage.
- Black cover, fire retardant coating, zip closure.

Typhoon lifejackets

Suitable for staff in standard service, operation and exercise.

150
Newton

CE
EN ISO
12402-3



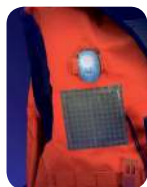
Typhoon Navy lifejacket

Features MOLLE® type attachment webbing to upgrade the lifejacket with pouches for equipment and accessories.

- 150 N buoyancy from polyethylene foam.
- Abrasion resistance : coated polyester outer shell.
- 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	Without flashlight
30-50 kg	S	65216	63557
50-70 kg	M	65217	63558
70-90 kg	L	65218	63559
+ 90 kg	XL	65219	63560

Options & Accessories



Automatic flashlight :

56 x 38 x 27 mm (L x W x H)

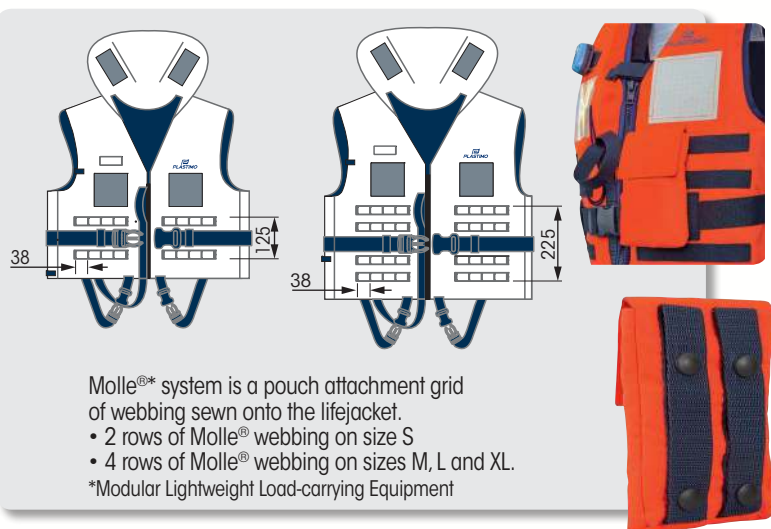
- Activated by direct contact in water : **60833**
- Activated by wire contact in water : **60908**



Pouches :

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

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



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



115
Newton

Typhoon Army foam lifejacket

Suitable for all army manoeuvres (river crossing, flood rescue operations...).

- 115 N buoyancy PE foam.
- Colours : army green, navy blue, camouflage.
- Buckle + zip, crutch strap, pockets.

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.

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 lose 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.

Children's safety harness



Webbing
36 mm wide

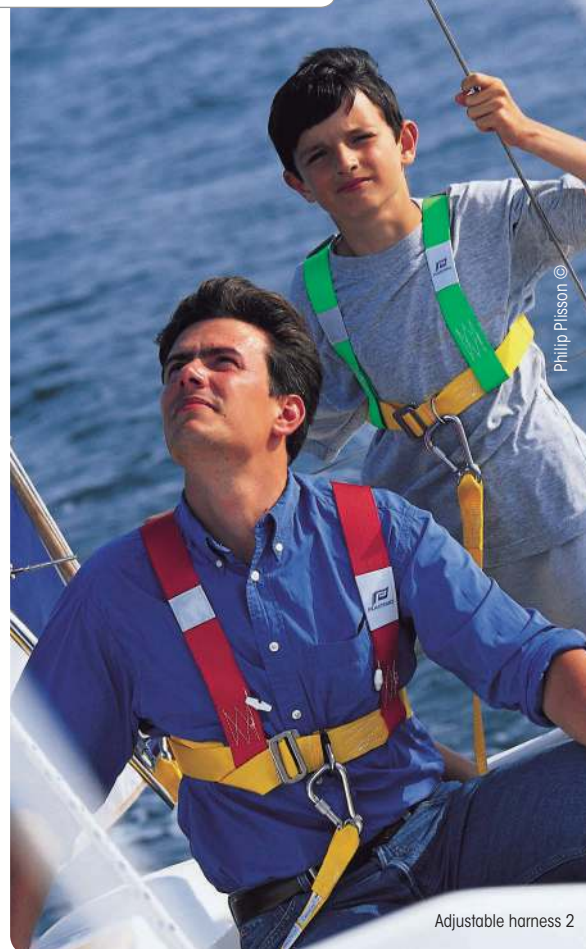
Adjustable harness, child size

- With tether : **31549**
- Without tether : **31551**

Fully adjustable waistband and shoulderstraps.

A back patch holds the shoulder straps in the correct position. Also contributes to comfort and easier donning.

- Attachment point for tether : stainless steel loop. (Tether must be ordered separately).
- Reflective tape on chest.
- Shoulder straps and waistband in different colours, to facilitate donning.
- Identification : Child model in green + yellow webbing (different from Adult model, in red + yellow webbing).
- Optional leg strap, ref. 31559.

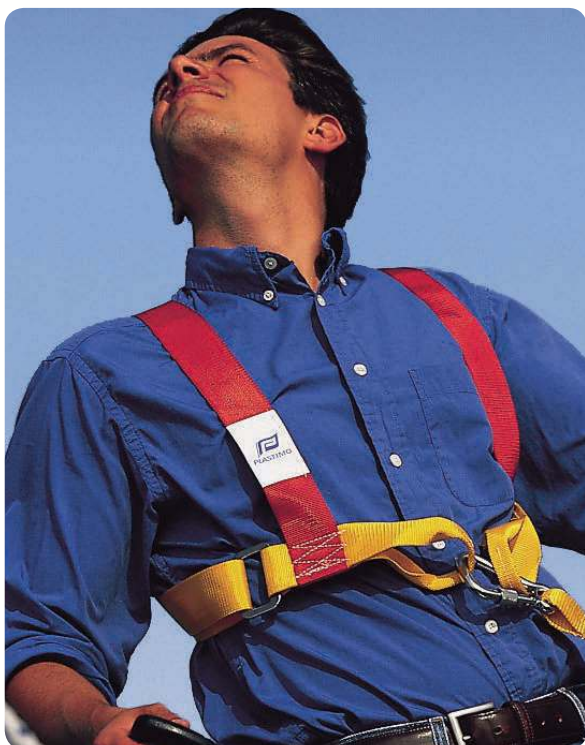


Adjustable harness 2

CE
EN ISO
12401

Harness for adults

Webbing
50 mm wide

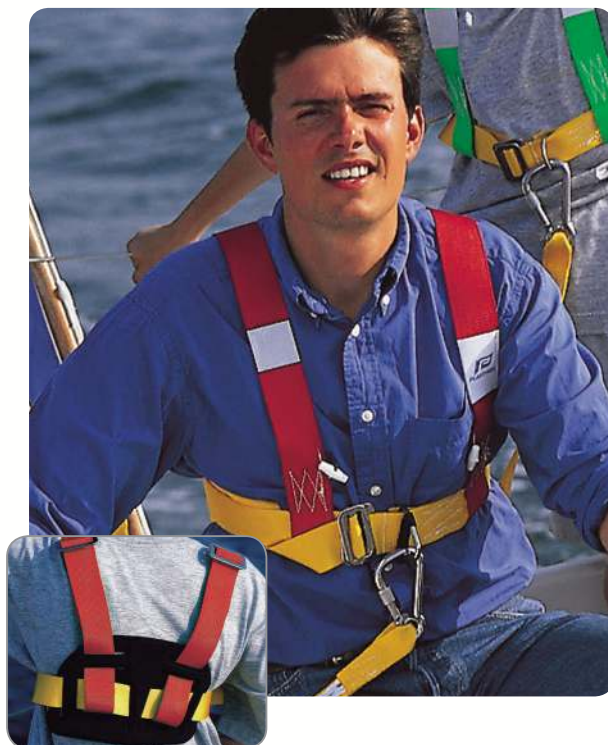


Adjustable harness 1

Fully adjustable waistband and shoulderstraps.

- Single tether with 2 hooks on model 31546.
- Attachment point for tether : 2 textile loops.
- Shoulder straps and waistband in different colours, to facilitate donning.
- Optional leg strap, ref. 31559.
- Selection of tethers available for ref. 31547.

ADJUSTABLE HARNESS 1	Reference
Harness alone, no tether	31547
Harness with single tether + 2 snap hooks	31546



Adjustable harness 2

Fully adjustable at waistband and shoulderstraps.

A back patch holds the shoulder straps in the correct position. Also contributes to comfort and easy donning.

- Attachment point for tether : stainless steel loop.
- Reflective tape on chest.
- Shoulder straps and waistband in different colours to facilitate donning.
- Identification : Adult model in red + yellow webbing (different from Child model in green + yellow webbing).
- Toggles for fastening on sailing jacket.
- Optional leg strap, ref. 31559.

ADJUSTABLE HARNESS 2	Reference
Harness alone, no tether	31550
Harness with single tether + 2 snap hooks	31548

Also available in Child size, ref. 31551.

Option



• Leg strap : 31559

Adjustable. Adapts on all harness models.

Standard harness

Basic webbing model, no waistband adjustment (2 sizes available).

Easy to use and don : shoulder straps and waistband come in different colours for easy identification.

Lightweight : no metal buckles on harness. Tether is secured to the harness waistband.

- Optional leg strap, ref. 31559.

STANDARD HARNESS	Size	Reference
Fixed waistband, with single tether + 1 snap hook	L	31544
	XXL	31545



Tethers



Suitable for inflatable lifejackets and safety harness.

A tether is the indispensable complement to an inflatable lifejacket, provided you have initially selected a jacket model "with harness", i.e. with stainless steel buckles and meeting the resistance requirements of EN ISO 12401 standard.



All Plastimo harnesses come with or without a tether, to allow all combinations (except for Bolero, child size : tether is integrated to harness).

All our tethers are equipped with safety hooks to prevent accidental opening.



A



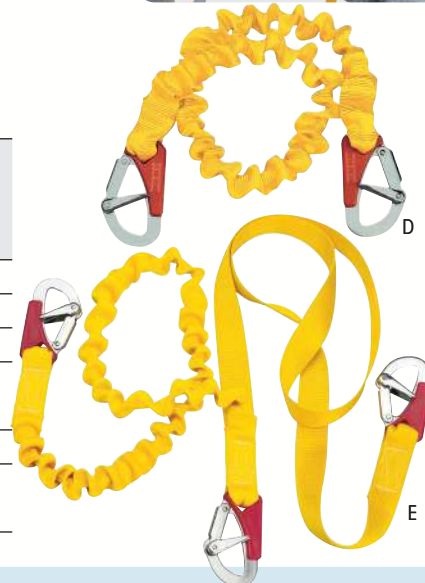
B



C

Tethers

Model	With screw-type hook(s)	Double action safety hook(s)	Tethers
Single tethers	- 31560	C 55981	< 1.50 m (child size), 2 hooks
	A 31558	- 55982	< 2 m, 1 hook
	B 31561	- 55983	< 2 m, 2 hooks
Double tethers	- 31564	D 55984	Elastic, 2 hooks (elastic line < 2 m)
	- 31563	- 55985	< 2 m + 1 m, with 3 hooks
	- 31565	E 55986	Elastic, 3 hooks (1 straight line < 1 m + 1 elastic line < 2 m)



E

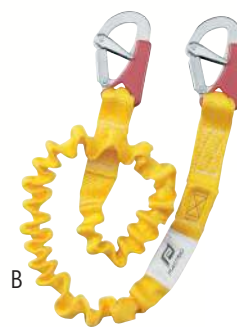
A tether is the indispensable accessory which makes an inflatable lifejacket a fully featured safety equipment. Provided of course, that you have originally selected a lifejacket with integrated harness : the only version providing the adequate resistance and featuring a stainless steel triangle to secure the tether.

When using a harness in conjunction with a tether, it is essential to check that both the harness and the tether are designed to the same standard, and specifically to the same breaking strain level.

The breaking strain is defined by the original standard, but also by the age of the harness or tether : the ageing and general condition of the webbing impacts negatively its level of performance.

Tether : its essential features

- Number of lines : a double tether has 2 lines. It enables you to remain clipped as you move about the deck.
- Number of hooks : there is not systematically a hook at both ends ; the tether can be attached to the harness via a webbing loop (see photo : tether ref. 31558).
- Length of lines : standard length is 2 m. In the case of a double tether, the 2nd line is reduced to 1 m so that you can clip yourself on a shorter length. The very principle of a harness is to prevent a man falling overboard and being dragged ; one must therefore be clipped on a short length, as often as possible. Tethers on children harnesses are shorter.
- Elasticity : this tether stretches out when needed and contracts when not under tension, which contributes to a greater freedom of movement and improved safety, as it is kept short and tidy to prevent accidental snagging. The elastic tether is the obvious choice for yachtsmen who wear their harness regularly.



ISAF tethers

Model	Tethers	Double action Wichard safety hooks 	Double action safety hooks 
Single tethers	2 hooks (elastic line < 2 m)	A 51564	B 57316
Double tether	Elastic, 3 hooks (1 straight line < 1 m + 1 elastic line < 2 m)	-	C 57305

Meets ISAF/ORC
specifications.



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



Adjustable
leg strap
31559

Adapts on all harnesses with a non-integrated tether, i.e. all our models but child's Bolero.

Jacklines

Polyester webbing, 30 mm wide.
Breaking strain : 2000 DaN.



Length	Yellow	White
6 m	36214	39447
7 m	36215	39448
8 m	36216	39449
9 m	36217	39450
10 m	36218	39451
14 m	62102	-
17 m	62103	-

Sold by the pair
(Shackle or hook not
included. Minimum
recommended breaking
strain for shackle/hook :
2000 DaN.)



The installation of jacklines is essential to allow shifting location on the deck, while remaining clipped to a strongpoint at all times. Unfortunately, this vital element of the "harness-tether-jackline" set is often neglected or, worse still, is often the result of a "DIY" assembly done by a non-safety specialist.

Plastimo reminds you the basic rules :

- A jackline must be rigged only on strong points designed for that purpose.
- Strong points must be mounted through deck, with a reinforcing plate below deck, and must resist 3 tons minimum.
- A jackline must run free of knots, and sewn joints must be tested and calibrated. Jacklines should be positioned as far inboard as possible, in order to prevent falling over board.
- Web jacklines will not roll under foot, as opposed to rope. 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.

Horseshoe buoys

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.

	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.

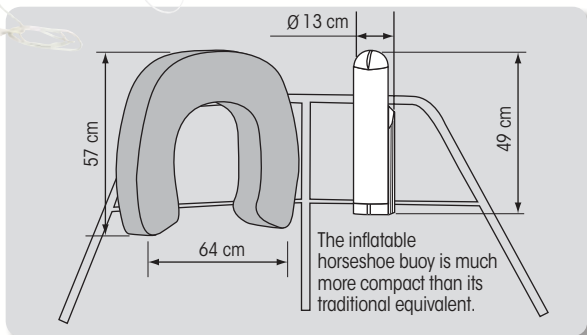


Options & Accessories

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



- **Rail mounting kit**
415010





Horseshoe buoy with removable cover

Polyethylene foam provides 147 N buoyancy.

Washable, highly resistant cover (1100 decitex, PVC coated).

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



Accessory

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



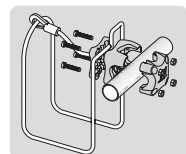
Buoy racks

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.

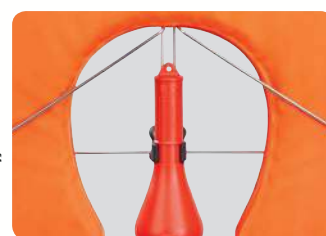
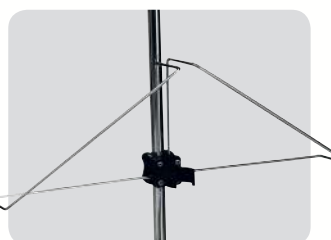


Rack for horseshoe buoy + light **31437**

Composed of :

- 1 Plasticclip, 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.



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.

Product \ Performance	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	✓



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.



Patented

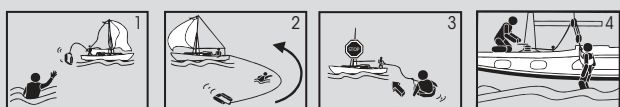


- Buoyancy of flotation belt : 98 N.
- 40 m of floating line.
- Storage bag with clips for rail attachment.
- Dimensions : height 50 cm, width 30 cm, thickness 20 cm.
- Weight : 1.7 kg.
- Breaking strain of line : 400 kg.
- Breaking strain of flotation belt : 700 kg.

Accessories

- **Lighting : 60908**
Lithium battery operated, 10-hour lifetime.
Light is fixed on an elastic lanyard to be sleeved on the flotation belt.

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



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 Line® 27020

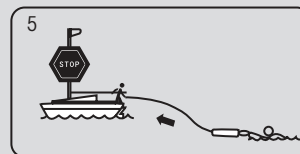
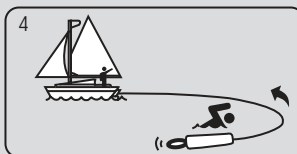
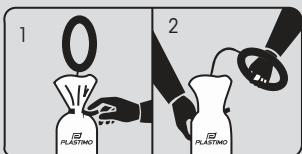
Throw bag heaving line, very simple to operate : a 20 m retrieval line stowed in a bag, allowing to connect the survivor to the boat. Equally useful in many circumstances, such as getting a line to a dock, and also in many river leisure activities, such as canoeing, rafting, etc. The Rescue Line is weighted, 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.

* OSR § 4.22.5 compliant.

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.



Ring lifebuoys



Courtesy of Protection Civile de Paris 12^{ème}



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.



Throwing line

Floating polypropylene, compliant with regulation to equip lifebuoys.

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



Patented

Rescue Ring®

35926

Set of products complying with SOLAS 74.96 standard :

- 1 ring lifebuoy (ref. 16095).
- 1 floating light (ref. 196482).
- 30 m of yellow floating retrieval line, Ø 8 mm.

Cleverly packed in a yellow coated fabric storage bag, impervious to UV-rays, and fitted with clips for attachment to pulpit.

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.



62241

75 x 85 cm ring lifebuoy container



62240

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.

75 x 85 cm ring lifebuoy container

Ref.

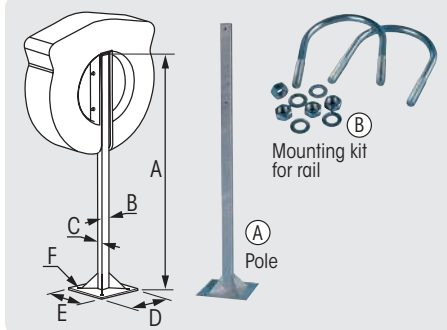
Container with Ø 73 cm lifebuoy (ref. 61968)
+ throwing line (ref. 43767).

62241

Container alone
Dimensions : 75 x 85 x 26.5 cm (H x w x depth).

62240

Accessories for mounting



A	Pole	For buoy container	Pole dimensions					
	Ref.		A	B	C	D	E	F (drilling)
	40213	75 x 85 cm container	150 cm	6 cm	4 cm	30 cm	30 cm	Ø 1.2 cm
	59037	90 x 90 cm container + door	200 cm	10 cm	5 cm	30 cm	30 cm	Ø 1.2 cm

- B** Rail mounting kit
For Ø 4.5 cm rail : **59038**
For Ø 6 cm rail : **40214**
For banister and jetty balustrade.

Wall mounting kit
59039
Bolts + screws.
(not illustrated).

IOR dan buoys

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

Inflatable IOR dan buoy



©Th.Martinez / Sea&Co.

ISAF-ORC compliant

Inflatable IOR dan buoy

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

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

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.

**MADE BY
PLASTIMO**



Options & Accessories



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

- Canister alone :
White : **52240**
Yellow : **53417**

For dan buoys ref. :
40203, 177788, 63455 and 61073



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



- Stern rail
mounting kit :
415010

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, CO₂ 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 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.

Inflatable personal dan buoy

- With light : **63747**
- Without light : **53482**

Manual activation :

in the event of a man overboard, the victim activates the inflation by pulling the toggle. The inflated dan buoy increases considerably the visibility of the victim.

To be attached to a belt (on foul weather gear or lifejacket).

Dan buoy in neon yellow nylon, polyurethane coated.

Height above water when inflated : 1.80 m.

Features :

- red and yellow flag (21 x 14 cm),
- retro-reflective tapes,
- lanyard,
- oral inflation tube,
- light (option).

Comes in a PVC pouch with belt attachment.

Dimensions (in pouch) :

11 x 14 x 7 cm, without light,
11 x 16 x 8 cm, with light.

Options & Accessories

- **Re-arming kit : 53484**
11 g CO₂ gas cylinder + safety clip.
For buoys 63747, 53482 and 53481.
- **Spare light kit : 53483**
11 g gas cylinder + mounting accessories + 0.75 cd light for dan buoy 63747.
- **Webbing belt : 53485**

Additional equipment required by ISAF standards

Besides dan buoy and lighting, ISAF equipment includes :

- 1 horseshoe lifebuoy.
- 1 dye marker (ref. 38861).
- 1 small drogue anchor (ref. 25354) and line.
- 1 whistle (ref. 16303).

The ISAF regulation stipulates that when at sea, the dan buoy must be either fully extended or, in the case of an inflatable model, deployed in less than 20 seconds.

Rigid IOR dan buoys

Telescopic IOR dan buoy

- Yellow float : **55665**
- Orange float : **55664**

Ergonomic design and superior stability.

Complies with the ISAF/ORC 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 450 x 350 mm.
- 4 m of floating rope to attach to a lifebuoy.
- 1 built-in stainless steel ballast.
- 1 clip 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)

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.
- **Fixed light kit : 16205** (battery not incl.)
- **Spare bulb for fixed light kit : 20614**
- **Spare flag : 10742**
- **Fixing clip for flag : 16703**
- **Clip for light : 50914**
- **2 mounting Plasticlip for IOR dan buoy : 37038**



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.



B. Miegatrin ©

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



Patented



Delfino lifefloats

Provides efficient buoyancy in the event of shipwreck or Man Overboard.

Allows the victims to gather in order to ease survival and rescue. High density polyethylene, filled with polyurethane foam for buoyancy.

Fitted with reflecting stripes for added visibility.

Braided rope is reeved through reinforced eyelets at regular intervals (2, 3 or 4 eyelets on each side) to account for a larger number of persons grasping the rope.

Approved by the Italian Merchant Marine

Use	Ref.	Buoyancy	Weight	Dimensions	Approval
4 persons	195392	1370 N	16 kg	90 x 90 x 28 cm	n. 257/1982
8 persons	195393	1370 N	16 kg	90 x 90 x 28 cm	n. 258/1982
12 persons	195394	1970 N	23 kg	98 x 98 x 30 cm	n. 256/1982

Buoyant cushions

Light polyethylene foam protected by a durable coated fabric cover.

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

Braided rope facilitates grabbing. Can easily be secured on board with integrated hook.

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

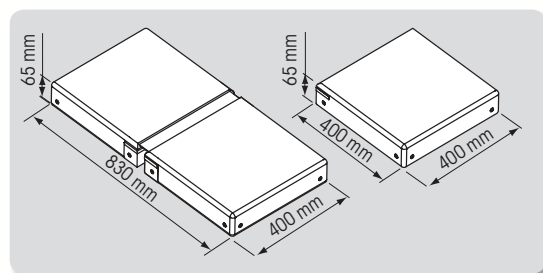
Buoyant cushions	Ref.	Colour	Buoyancy	Weight
Single	51563	Navy blue	78 N	0.50 kg
Double	51561	Red	166 N	1.10 kg
	51562	Navy blue	166 N	1.10 kg



Double cushion : seat + back-rest



Single cushion : seat only



2 single cushions can be assembled with integrated Velcro to provide seat and back-rest.

Signalling

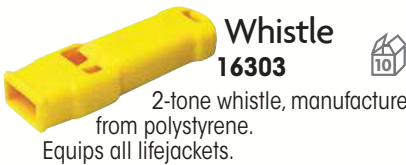
• Sound



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



Whistle 16303



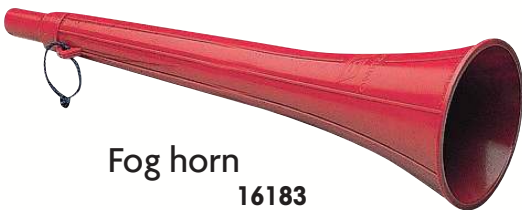
2-tone whistle, manufactured from polystyrene. Equips all lifejackets.



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

Description	30 m	50 m	Ø Nylon	Sounding lead weight
Marked every metre with colour change every 10 m.	16268	39258	2.5 mm	0.5 kg with recess for wax
Marked every metre.	417053	-	4 mm	0.6 kg



Patented

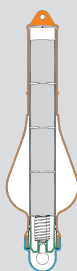
Plastimo floating lifebuoy light

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

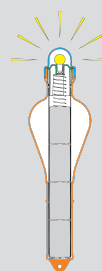
For use with lifebuoys.
Operated without mercury, simply with 4 alkaline batteries, R20 type (not included).
360° arc of visibility.
Optimum visibility : 10 cm free-board above water line.
Light intensity : 4 candela
Duration : 2 hours

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.

Spare parts



For fixed 4 batteries

- Bulb : **54499**
- Contactor : **60789**
- Spare glass : **56691**

Spare parts for older models are available on our website www.plastimo.com

Patented

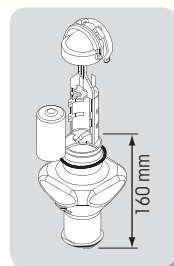


Stella LED floating lifebuoy light

196482

Very compact lifebuoy light, low power consumption. LED-type flashlight, operates with one R20 alkaline battery. 360° arc of visibility.
Dimensions : 160 x 80 x 80 mm.
Weight : 90 g. (without battery).

- Light intensity : 2 candela.
- Duration : Approx. 8 hours at 60 flash/minute.
- Battery : 1 x R20 battery (not included).



Accessories



- 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.



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



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 replacement 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.

SOLAS-MED &
US Coastguards compliant



Floating LED-type lithium light 63655

Floating LED-type lifebuoy with automatic
seawater activation.
Operates with an integrated lithium battery,
5-year run time. 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.

- Duration : 2 hours minimum in operation
mode.
- Dimensions : 100 x 220 mm (Ø x H)
- Supplied with holder and 2.65 m lanyard.

Accessories

• Rack for horseshoe buoy + light : 31437

Composed of : 1 Plasticclip, to be adapted
on any tube Ø 18.5 to 25.5 mm.
Clip designed to hold a floating light.
1 st. steel rack for horseshoe buoy
(max. thickness 10.5 cm). Supplied with screws and nuts.



• Mounting clip for floating light : 37034

Fits any tube or rail, horizontal or
vertical Ø 18.5 to 25.5 mm.
Screws and nuts included.

Life Flag

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.

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.



To be rescued,
we must be seen

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



61689 – Day



61689 – Night

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/m ²	Blocked mesh polyester fabric, 130 g/m ²
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)	



61690 – Day



61690 – Night

LED lights

NAVISAFE 

Navi Light 360° 2 NM

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.

Compact and light, the Navi Light 360° 2 NM are easy to use.

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 the double magnetic system.

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.

IMO COLREG 72
approved 2 NM



61786 : Navi Light 360° 2 NM



61796 : Navi Light 360° Rescue 2 NM



61795 : Navi Light 360° TriColor 2 NM



Common features

- Waterproof to 20 m.
- Buoyant, light facing up (without the magnet).
- Dimensions : height 35 mm; Ø 50 mm.
- Weight with batteries and magnet : 155 g.
- Power supply : AAA x 3 batteries (not supplied).
- Supplied with double magnet system, mounting bolts and 3 wrist-straps.



Can be fixed either on a cap, a hood or any other support thanks to the double magnetic system.

	NAVI LIGHT 360° 2 NM	NAVI LIGHT 360° RESCUE 2 NM	NAVI LIGHT 360° TRICOLOR 2 NM
Reference	61786	61796	61795
LED colour	16 white LEDs		5 red LEDs, 5 green LEDs, 6 white LEDs
Modes & battery life	• Constant : 16 LEDs, 360° visibility (burn time : 13 to 15 hours) • Flash : 16 LEDs, 360° visibility (burn time : 80 to 85 hours) • Stern light : 6 LEDs, 135° visibility (burn time : 30 to 32 hours) • Forward light: 10 LEDs, 225° visibility (burn time : 22 to 24 hours) • Dim light : 4 LEDs, 360° visibility (burn time : 70 to 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)		



Clamp-on-rail holder 57308

Metallic head for magnet.
Suitable for all tubes
Ø 25 mm approx.
Flexible through 180°.
Horizontal or vertical mounting.



Suction-mount holder

57307

Metallic head for magnet.
Suction cup base
(locking/releasing lever).
Self-adhesive
fixing patch (supplied).
Flexible through 180°.
Vertical or horizontal mounting.

Torches



Navi Light Mini

Black : 60876

Yellow : 61803

Compact and sturdy torch. Fits conveniently into a sailing jacket and a lifejacket, or around wrist or neck. 5 various working modes, including 1 night vision mode.

- 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.



Navi Light Glow

57776

Watertight photoluminescent torch with highly luminous white LEDs. Glows in the dark up to 8 hours, after only 10 minutes' daylight charge. Dual mode : continuous or flash (ideal signalling light in distress situation).

Perfect for navigation, diving, water sports and other outdoor activities.

- 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.



Full range, please refer to
navigation lights chapter :
pages 460 to 462.





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 + blister pack	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 stripes



Description	Ref.
A 1 Roll of 47.5 m x 5 cm wide	60117
B 4 stripes, 20 cm long x 5 cm wide	60906



On a lifejacket, a safety harness or sailing jacket : combining light stick and reflecting stripes 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 :

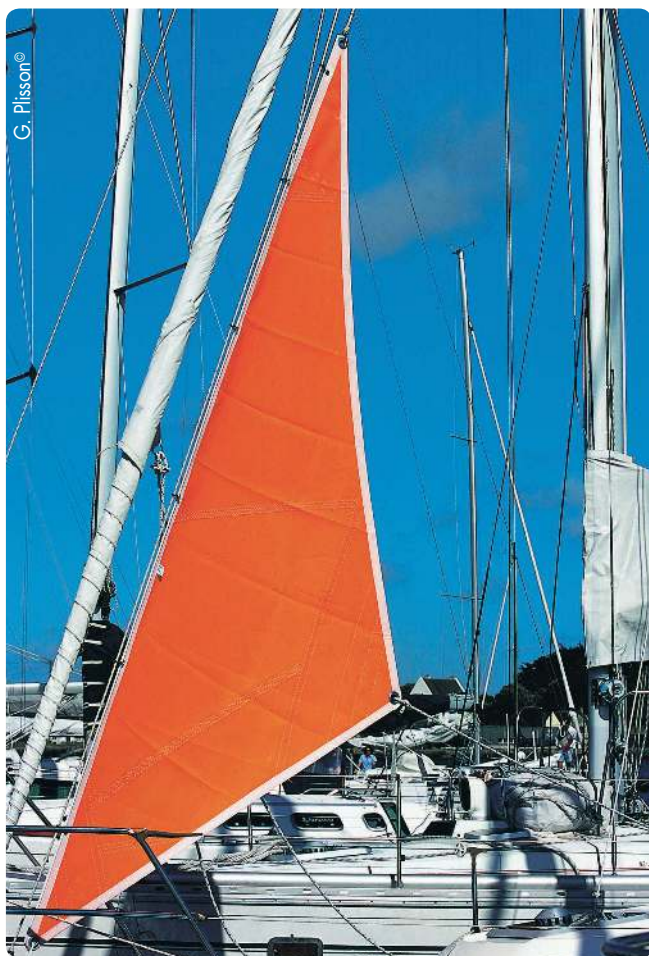
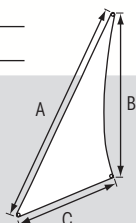
- A high modulus cloth (380 g/m²).
- A small surface (4 m², 5 m² ou 6 m²).
- A compact shape.
- A bright visible colour (fluorescent).

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.

Boat length	Storm jib area	Ref.
< 8 m < 26 ft	4 m ²	38009
< 12 m < 38 ft	5 m ²	38010
< 14 m < 44 ft	6 m ²	38011

Storm jib area	A	B	C
4 m ²	4.68 m	3.32 m	2.53 m
5 m ²	5.79 m	4.15 m	2.66 m
6 m ²	5,90 m	4.52 m	2.80 m



Alarms

Gas alarms



Handheld gas detector

53446

Honeywell

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.



Carbon monoxide alarm

29486

Honeywell



The SF450EN 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 : requires no wiring, no mains power and no maintenance.

Free standing or wall mounted, the detector should be placed in the room or cabin where an appliance is likely to produce CO.



- Gas detected : CO carbon monoxide.
- Detection principle : electrochemical cell.
- Alarm indication : flashing red light and audible alarm.
- Alarm levels :
50 ppm* : 60 to 90 minutes.
100 ppm* : 10 to 40 minutes.
300 ppm* : within 3 minutes (as required by EN50291 : 2001).
- Buzzer output : > 85 dB at 3 metres.
- **Approval/conformity : EN50291 : 2001 & Kitemark.**
- Operating temperature : -10° C to +40° C.
- Humidity range : 30 to 90 %.
- Switch on : instantaneous, no warm-up time.
- Alarm life : 7 years guaranteed in normal operating conditions.
- End of alarm life warning.
- Dimensions : 110 x 76 x 34 mm.
- Weight : approximately 140 g.

*ppm : parts per million.



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 to those 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.



63579



63580

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

ECHOMAX

Active radar reflectors



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

Stainless steel mast mount bracket: 46797

Stainless steel flush mount bracket: 46798

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 are available : the Active-X reflector, designed to respond to X-band radar pulses and the Active-XS model responding to X and S-band radar pulses.

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

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.

Technical specifications

Model	ACTIVE X	ACTIVE XS
Reception frequency	X-band radar : 9.32 - 9.5 GHz	X-band radar : 9.32 - 9.5 GHz S-band : 2.9 - 3.1 GHz
Operating temperature	-20° to + 60° C	-20° to + 60° C
Position accuracy	1 m radius	1 m radius
Voltage	12 V DC, protected against current surges	12 V DC, protected against current surges
Antenna dimensions	478 mm x 40.5 mm	685 mm x 40.5 mm
Antenna weight (without cable)	327 g	509 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	< 15 mA	< 23 mA
Transmitting current consumption	190 mA	X band : 190 mA S band : 155 mA
Power (EIRP)	1W (typically)	1W (typically)
Performance level	Exceeds ISO 8729-2 X band response	Exceeds ISO 8729-2

Passive radar reflectors

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.

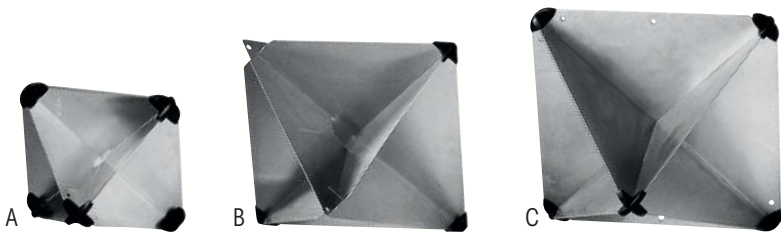


Model	Ref.	Reflective area m ²	Height mm	Ø mm	Weight kg	Approval
EM180	56192	8.10	478	174	1.4	
EM230	175873	24	610	245	2.3	ISO 8729-1 (1999)
EM230 BR	56194	24	610	245	2.5	ISAF/ORC
EM230 MIDI	175880	20	450	245	1.9	ISAF/ORC
EM230 MIDI BASEMOUNT	175881	20	432	245	2.3	ISAF/ORC

Options & Accessories

Steel mount for passive radar reflector

Compatible with	EM180	EM230	EM230 BR	EM230 MIDI	EM230 MIDI BASEMOUNT	EM230BR
Mast mount	56193	48967	48967	48967	–	–
Deck mount	185921	175870	–	–	59056	59055



Complies with ISAF/ORC

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.	Dimensions	Weight	Max. reflective area
A	27015	215 x 215 x 280 mm	450 g	3 m ²
B	23648	300 x 300 x 415 mm	650 g	5 m ²
C	10074	340 x 340 x 470 mm	1000 g	7 m ²
complies with ISAF/ORC : diagonal > 456 mm				



Tube-type radar reflectors

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

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

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



Illustrated with rod kit,
to be ordered separately.

Inflatable radar reflector

61913

Ideal for use on liferafts.

- Radar cross section : 10 m², complies with SOLAS requirements.
- Weight : 600 g.
- Packed dimensions : 230 x 305 mm.
- Inflated diameter : 615 mm.

ECHOMAX

Option

Rod kit
61914

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 without gauge	1 kg ABC with 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.



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

Gas fire extinguisher with remote activation

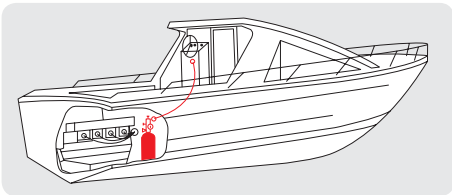
Fixed fire extinguishers to safely put down fires in recessed areas (engine compartment).

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.

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.



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

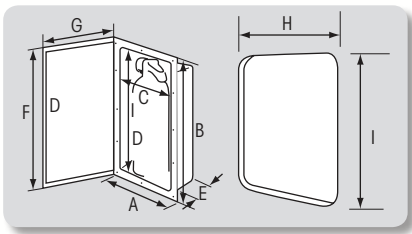
Allow safe and protected storage of a fire extinguisher in the cockpit or dashboard. UV-resistant white ASA.

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



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

39816

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 : 25 x 17.5 x 4.5 cm.
Pull twin tabs to operate.



Bailing out

(see also Pumps Chapter)

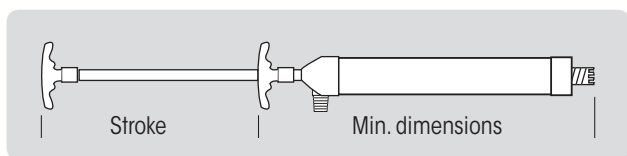


Hand pump



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.



Collapsible bucket **SWOBBIT SYSTEM**

25 cm diameter 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 high x Ø 10-4 mm*
2 x 50 mm high x Ø 16-8 mm*
2 x 60 mm high x Ø 22-14 mm*
2 x 70 mm high x Ø 30-18 mm*
1 x 80 mm high x Ø 35-25 mm*

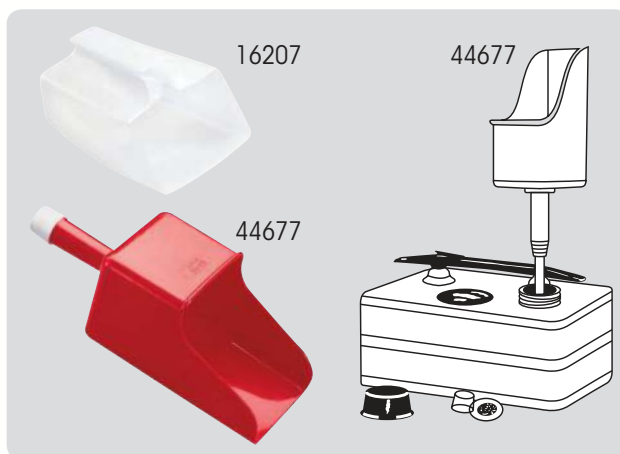
47428 : Set of 6 conical wooden plugs :

2 x high 60 mm x Ø 22-15 mm*
1 x high 115 mm x Ø 22-19 mm*
1 x high 110 mm x Ø 39-29 mm*
2 x high 110 mm x Ø 49-39 mm*

* Max.min diameter

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 high x Ø 50-40 mm*



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.

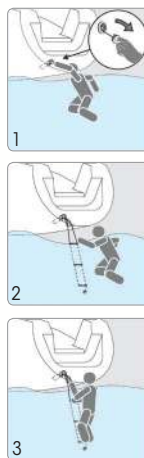
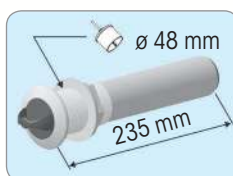
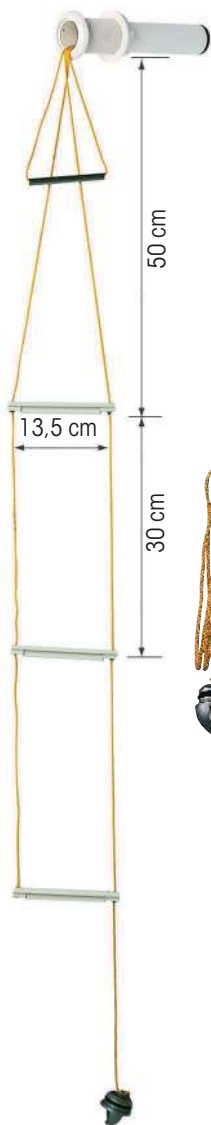
Suitable for current use (bathing) or in case of Man Over Board.

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.

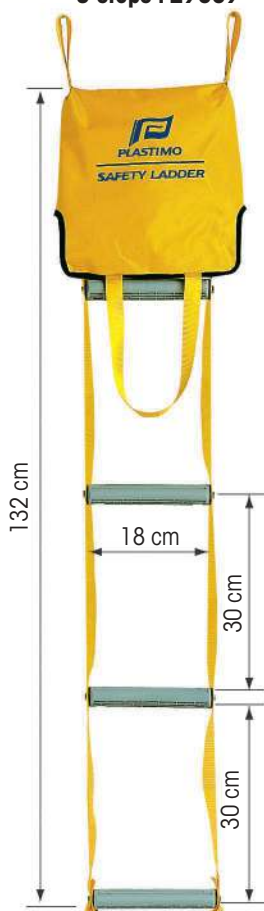
The Man Over Board removes the cap, pulls the ladder down, and climbs onboard.

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

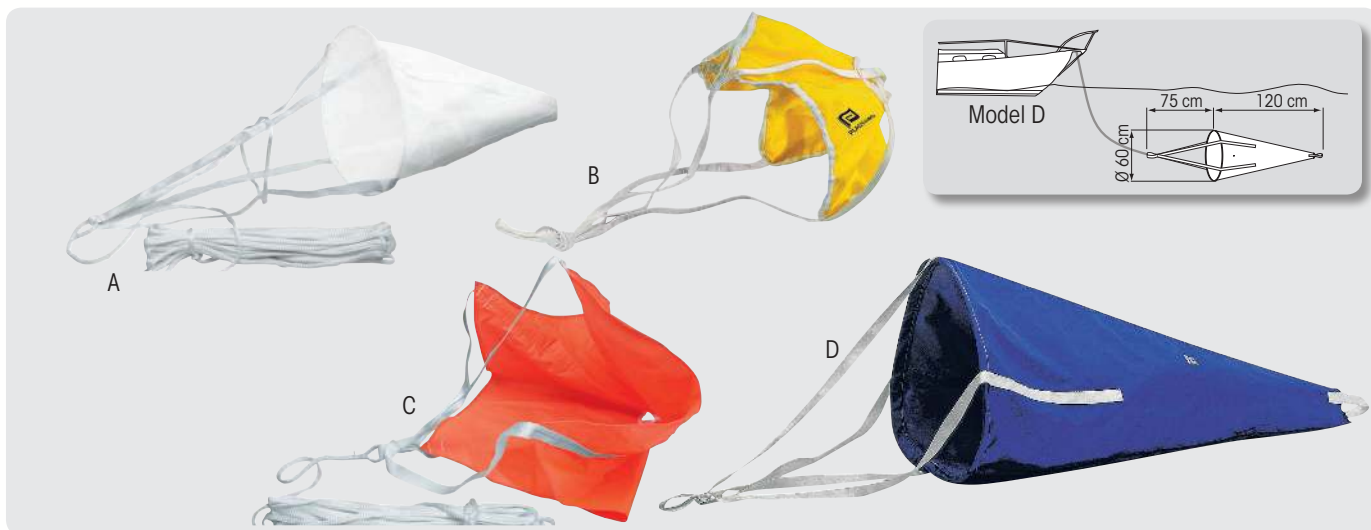


Safety ladder

- 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.
B 59042	60-minute model. Suitable for boats up to approx. 7 m. Recommended for coastal navigation.
C 59043	180-minute model. Complete set, suitable for coastal or cross-channel use.

 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

64400

Natural method to provide effective nausea control for sufferers from seasickness. Based on acupressure principle (acupuncture 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.



First aid kits

Contents allows the crew to deal with most first aid incidents. Can be completed with additional utensils and medicine as the skipper feels appropriate, in relation to the navigation programme.



Coastal : 52222

Recommended for coastal sailing (ex. within 6 NM from shelter). 2-litre watertight box.

Offshore : 64183

Recommended for offshore sailing. 3-litre watertight box.



Ocean : 64184

Recommended for blue water sailing. Comes in a handy 8-litre case.



Additional kit : 64211

Provides the additional first aids products required since 1st May 2015 on French register boat.

	COASTAL	OFFSHORE	OCEAN
Contents	52222	64183	64184
First aid guidance	1	1	1
Sterile gauze 5 x 5 cm	5	5	5
Sterile dressings, large	10	10	10
Sterile dressings, medium	10	10	10
Sterile dressings, small	10	10	10
Hydrocolloid sterile dressings	-	-	8
Chlorexidine wipes	-	10	10
Hemostatic cushion	-	1	1
Adhesive support bandage	-	-	1
Elastoplast strapping 5 m x 2.5 cm	1	1	1
Self-adhesive bandage 4 m x 10 cm	-	1	1
Safety pins	-	-	12
Pair of gloves, non sterile, size M	-	2	2
Pair of gloves, non sterile, size L	-	2	2
Scissors	-	-	1
Tweezers	-	-	1
Electronic clinical thermometer	-	-	1
Survival blanket	-	1	1
Hydroalcoholic gel	-	1	1

Supplied with a list of recommended pharmaceuticals (to buy from your chemist).



Small first aid kit : 10322

Useful for small boats, dinghies or as an additional kit for your boat's tender. Dimensions : 20.5 x 14 x 5.5 cm



Coastal : 10321

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



Offshore : 10320

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

	SMALL	COASTAL	OFFSHORE
Contents	10322	10321	10320
First aid guidance	1	1	1
Triangular bandages	-	2	3
Sterile dressings	4	5	5
Assorted bandages	1	1	3
Crepe bandage	-	-	1
Micropore strapping	1	-	1
Elastoplast dressings	20	20	40
Sterile eye pad	-	-	1
Antiseptic cream	1 tube	1 tube	10 pouches
Moist cleansing wipes	2	10	-
Steristrip sutures	-	-	1
Sterile gauze	-	-	12
Cotton wool	15 g	15 g	-
Elastoplast strapping	-	2	2
Safety pins	6	12	-
Plastic fingerstalls	-	-	3
Scissors	1	1	1
St. steel forceps	-	-	2
Clinical thermometer (°C and °F)	-	-	1
Survival blanket	-	-	1

Survival equipment

Food & fresh water rations



Survival food rations

Survival food processed in our laboratories from an exclusive recipe, under the strict control of an independent health protection certified organisation.

Come as readily divided biscuits, each vacuum packed individually.

Standard pack ref. 14116 : 500 g. pack.

Other multiples and weights available on request.

- 500 g = 10.000 kj
- Best-before date : 5 years.

Compliant with : SOLAS 74/96, IMO MSC 48(66) LSA, ISO 18813.

Bureau Veritas approved.

Order status	Description	Ref.	
Standard	Standard food rations	14116	1 box = 27 packs of 500 g each
On special request only	Standard food rations	300442	Pack of 2 x 50 g
On special request only	Aircraft type food rations	300438	Pack of 4 x 50 g
On special request only	Food + water rations combined pack	300441	Pack of 2 x 50 g + 2 x 125 ml

Drinking water

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

- Come in 125 ml individual portion sachets in aluminium coated polyethylene.
- Best-before date : 5 years.

Compliant with : SOLAS 74/96, IMO MSC 48(66) LSA, ISO 18813.

Bureau Veritas approved.

Order status	Description	Ref.	
Standard	0.5 L bag drinking water (4 x 125 ml in foil coated PE sachets)	35541	28 x 0.5 L white bags
Standard	1 L bag drinking water (8 x 125 ml in foil coated PE sachets)	300445	15 x 1 L white bags
Standard	1.5 L drinking water (12 x 125 ml in foil coated PE sachets)	300448	10 x 1.5 L white bags
Standard	3 L drinking water (24 x 125 ml in foil coated PE sachets)	21368	5 x 3 L transparent bags
On special request only	1 L drinking water (10 x 100 ml in transparent PE sachets)	300444	-

Why should I take water in 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 totally 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.

The 3-layer highly resistant packaging film 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 high drop (SOLAS standard), without leaking or bursting.

ISO 9001

BUREAU VERITAS
Certification



Water & food rations
are processed in our
Lorient facilities, run under
ISO 9001:2008 standards



Thermal protective aid 42152

Designed with aluminised polythene to provide maximal protection to a temperature of minus 30° C. Universal size.
Dimensions : 2.4 m x 1 m.
Weight : 160 g.



Thermal protective bag 22785

Made from polymer.
Provides excellent protection from rain, wind and cold.
Dimensions : 2.35 m x 1 m.
Weight : 330 g.



Thermal protective blanket 11057

Aluminium insulating blanket.
Dimensions : 1.60 m x 2.10 m



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).



Floating knife 36082

St. steel flat and serrated blades for rope and net cutting. Floats and is very light.
Dimensions : 260 mm including 140 mm blade.
Supplied with sheath and fixing straps.



Floating safety knife

Floating knife with rounded blade for extra safety. 7 cm rigid stainless steel blade, serrated : ideal for rope or net cutting. Plastic handle.

Description	Ref.	Dimensions	
Folding knife	11053	Folded knife 115 x 35 mm	1
Fixed blade knife	300744	122 x 35 mm	12



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.

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) Ref. 64878	COASTAL safety package < 6 NM (6 persons) 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 W3 compact flashlight (per person) • Mooring line, either : 5 kg Grip kit ref. 46565 or 7 kg Grip kit ref. 46567, or 8 kg Brittany anchor package, ref. 35202, or 10 kg Brittany anchor package, ref. 35203 • Tide tables and schedule	Should be completed with : • Individual signalling device : 1 light stick or a W3 compact flashlight (per person) • Mooring line, either : 5 kg Grip kit ref. 46565 or 7 kg Grip kit ref. 46567, or 8 kg Brittany anchor package, ref. 35202, or 10 kg Brittany 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 since 1st May 2015)

Safety equipment legally required if riding within 6 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



Two bags (empty) ideal to contain your own selection of safety equipment

Bags sold empty.



**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 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.

**80 L bag
29627**

Dimensions : 70 x 40 x 40 cm (bag full). Capacity : 80 L.
Material : PVC/Polyester.
Shape : cylindrical. Colour : red.



**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 l 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 l x H)



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

Grab bags

1 bag,
2 capacities :
20 to 40 L.

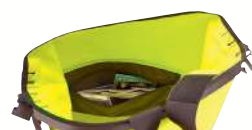


64694

64693

Waterproof drybags

Waterproof extendable Drybag	Waterproof cylinder Drybag
Lime yellow : 64694	Red : 64693
Extendable : 20 to 40 L	45 L
All-round zipper doubles the storage space. Vibrant yellow colour ideal to spot your grab bag in an emergency.	Perfectly adapted to carry and protect safety equipment or personal belongings.
IP66 protection rating.	
Bag in tough 500D Tarpaulin.	
Backpack shoulder straps for optimal comfort.	
Roll-down closure system.	
Velcro belt keeps the bag tightly closed and compact.	-
Dim. : Ø 29,5 cm x H 66 cm (H 87 cm when extended).	Dim. : Ø 29,5 cm x H 92 cm.



Inner pouch
with zip.



Survival backpack 58048

Watertight backpack in highly resistant red 500 D PVC. Roll down closure system and webbing straps. Foam-padded and ventilated back 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.
- Capacity : 63 litres.



"The best vertical holdall bag !"

"It is the best designed bag among the 8 models we tested. Wide comfortable shoulder straps, nicely padded back, waist strap, semi-rigid batten to roll down the bag's neck easily, straps to tighten the top and provide optimal watertightness, big ergonomic handle, it's got it all."

Voile Magazine, January 2013

Voile
magazine

Waterproof storage

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



Silicone gasket
for optimum
water resistance

Ergonomic cover
for easy transport.

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

SOS Grab Bag 38160

Rugged construction (nylon + polyurethane); yellow colour for instant identification. Adjustable handle, easy to grab and carry. Spray and splash-proof thanks to rolled closure system with velcro strap.

- Dimensions : 25 cm length x 15 cm width x 35 cm height.
- Capacity : 10 litres.



Distress signals & Flares



Signal kits



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

*Contents compliant with French regulation.



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



Burns for 60 sec. at 15.000 candela.
Pull-wire ignition system.
Telescopic.
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 white mini-flares : **300580**
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).



White handflares

1 flare : **61712**
Set of 3 flares : **61713**

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



Buoyant smoke

61694



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



Odeo Flare LED signal

64415

Powerful LED signal : intense brightness in a safe and reliable torch-size flare.

- Dimensions 265 mm x Ø 50 mm.
- Weight 165 g.
- Full hemisphere projection, visible from all directions simultaneously.



- Visible as far as **3 NM** (5.5 km) and up to 400 m altitude.
- Bright red signal, emitted by 21 LEDs. Features flash light and SOS Morse modes.
- Battery life : 6 hours.
- Powered by 3 LR1 batteries (LR6 or AA) lithium + ferrous disulfide (included in the flare). Batteries are easy to replace by user (standard batteries also accepted).
- Sustainable, **floating**. Waterproof and sea water resistant.
- Comes in a transparent plastic tube.
- Manufactured in compliance with SOLAS recommendations.

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

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

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

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.



Day/night signal

61718

Compact personal survival signal incorporating a red flare at one end for night use, and an orange smoke at the other end for daylight use. Both ends are coded for easy night identification and can be fired independently.

CAUTION

Distress signals and flares must be used with safety precautions :

- Wear a protection glove before you pull the ignition system ;
- Never point a distress flare at a person ;
- Hold the flare downwind at arm's length above the water ;
- Do not look at the burning flare, turn your head ;
- When burning is over, put it in a bucket of cold water to cool down. Keep it on board until you bring it back to a collecting station ;
- Never use a flare that has past its expiry date.



Protection gloves

418797

Tough cowhide leather with cloth inside. Reinforced protection on palm, back and along index. Canvas cuff. EN420 - EN388 (4, 2, 2, 4) compliant.



Buoyant lifesmoke



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



ManOverBoard

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.

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 Kannad Marine emergency location solutions, for use on professional and recreational vessels.

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

The COSPAS-SARSAT satellite system

406 MHz EPIRBs and PLBs work together with the COSPAS-SARSAT satellite system which provides true global distress alert coverage.

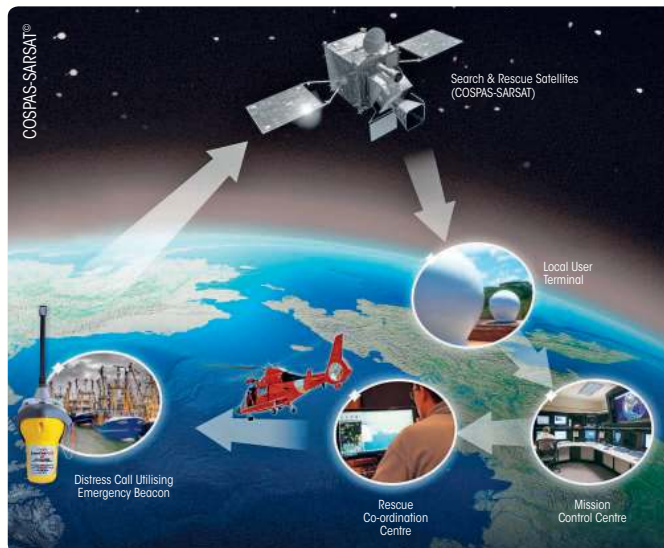
The satellites can determine the position of your EPIRB or PLB within ± 62 metres (GPS versions) or 5 km (3 miles) for standard types without GPS.

The coded message identifies the exact vessel to which the EPIRB is registered, or the person the PLB is registered to.

GPS-enabled EPIRBs and PLBs feature built-in multi-channel GPS receivers.

Highly accurate, they will enable rescue teams to come straight to your location.

EPIRBs and PLBs also feature a secondary homing beacon, which transmits on 121.5 MHz frequency, for the final phase of rescue search.



Should I select an EPIRB or a PLB ?

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.

EPIRBs and PLBs are subscription free (according to countries).

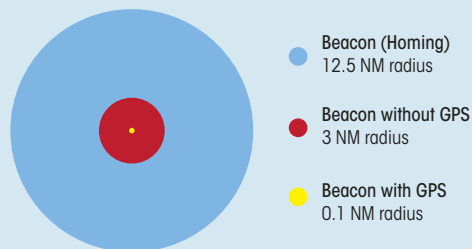
	EPIRB boat beacon	PLB personal beacon
Application	Marine use (professional boats, recreational boats, blue water cruising & racing)	Marine, land, air (recreational boats, blue water cruising and racing, trekking...)
Floating*	Yes	Yes, when fitted with the buoyancy pouch included.
Flashlight	Yes	Depending on the model
Endurance	48 h minimum	24 h minimum
Installation	Traditionally mounted on the vessel	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.

*EPIRBs operate without restrictions while floating.

PLBs must be kept in the appropriate position when floating, to keep the signal emission clear.

Should I select a GPS in option ?

EPIRBs and PLBs with GPS give instant alerts and high precision. It computes your position exactly when the alert signal is sent and transmits it to the COSPAS-SARSAT satellites, then to the Search and Rescue services (SAR), and updates your position every 20 minutes in relation to drifting.



Coding my distress beacon

The distress beacon (EPIRB or PLB) is coded in order to transmit the appropriate information through the 406 MHz distress frequency when activated.

You must register the EPIRB or PLB with the national authorities of the country for which the PLB was originally serial coded.

High precision search & rescue



Four SAR Frequencies

- The World's FIRST EPIRB with 4 search and rescue frequencies.
- The SAFEPRO AIS offers the greatest speed and accuracy in support to the **Alert, Locate** and **Track** elements of a rescue for a successful **Recovery**.
- Combining the benefits of multiple products in one beacon.



Multi GNSS Receivers

Greater **Location Accuracy** is achieved in the new family* of EPIRBs by receiving GNSS (better known as GPS) from a wider range of satellite constellations :

- GPS.
- Glonass.
- Galileo**.

*Those with GNSS.

**When fully commercially available.



Technology Convergence

World's First convergence of 406 MHz and AIS combining the global **Alerting** of the 406 frequency with the localised **Locating** and **Tracking** power of AIS.



Making a reality MEOSAR

Once fully operational, MEOSAR will provide benefits of LEOSAR and GEOSAR systems without their current limitations, transmitting the distress message and providing its position independently, with global coverage in near-real time.

MEOSAR also bring further improvements to the Cospas-Sarsat beacons, such as a return transmission to users confirming the distress message has been received.



EPIRBs

Boat beacons



The world's most powerful EPIRBs.

The new SAFEPRO AIS EPIRBs offer accelerated rescue via a unique combination of four search and rescue frequencies, with greater location accuracy through multi GNSS (GPS) receivers and the world's first EPIRB to contain the localised rescue power of AIS.

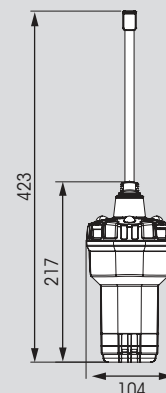
5 year
Warranty

Provided you register your beacon on www.mcmurdomarine.com/register-your-warranty

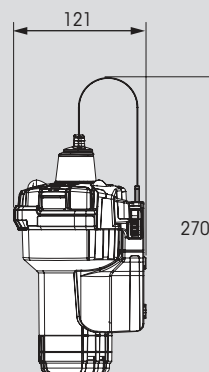


Auto-housing included with ref. 65600/65602/65604.

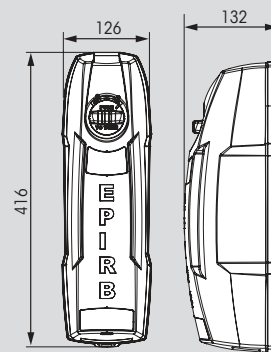
*Uncoded references.
Fill in the beacon coding form on www.plastimo.com.



Dimensions : mm



Dimensions : mm



Dimensions : mm

Model	Ref.*	Auto housing	Manual bracket	Multi-GNSS	AIS	Carry strap	Water switches
SAFE	65599	-	✓	-	-	✓	✓
	65600	✓	-	-	-	✓	✓
SAFEPRO	65601	-	✓	✓	-	✓	✓
	65602	✓	-	✓	-	✓	✓
SAFEPRO	65603	-	✓	✓	✓	✓	✓
AIS	65604	✓	-	✓	✓	✓	✓

Kannad SAFE

Kannad SAFE features :

- 406 MHz.
- 121.5 MHz.
- 10-year battery*.
- Minimum 48 hours operation time.
- Self-Test Button***
- Meosar compatible.
- Carry strap for carrying assistance in time

- Mounting option - Manual bracket or float-free auto-housing.
- Battery – easier replaceable battery.
- 360° strobe light.
- Impact absorbing ruggedized base.
- Prevents accidental activations.
- Safety bracket to prevent accidental activations.

Kannad SAFE PRO

All Kannad SAFE features

PLUS :

- 72 Channel GNSS receiver (GPS, Galileo**, GLONASS).

Kannad SAFEPRO-AIS

All Kannad SAFEPRO features

PLUS :

- AIS.

* Recommendation is that EPIRB has a 5-year health check by an approved service agent. This will include a 1-year warranty extension.

** Available once Galileo is fully operational, which is expected in the beginning of 2017.

*** Recommendation - 1 test a month. Long tests twice a year. Long tests to be conducted in full view of sky.

EPIRBs must be pre-programmed with MMSI code by any approved Kannad service station.

PLBs - Personal Locator Beacons



Safelink Solo 406 MHz with GPS

The Safelink Solo beacon is designed to be carried with you at all times. It fits ideally in a sailing jacket or a lifejacket and offers a perfect grip. Once activated, Safelink Solo transmits 2 distress signals simultaneously, operating :

- on the global Cospas-Sarsat satellite search and rescue system with the **406 MHz** frequency, for worldwide and 24 h/24 location thanks to the unique beacon ID. A 50-channel GPS combined with the 406 MHz frequency offer even faster and more accurate location of the man over board. The GPS receiver allows for almost immediate alert (3 minutes), and a very accurate indication of the position (about 50 m), with an update every 20 minutes to indicate the drift.
- on the **121.5 MHz** homing frequency, so that when emergency service and rescue squadrons get close, they can "home in" on the signal for more accurate location, to speed up the time of rescue.



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.

- Ultra **compact** (111 x 50 x 35 mm) and **lightweight** (165 g only).
- **Waterproof** to 10 metres.
- **Buoyant** when used with its flotation pouch, supplied as standard.
- Subscription-free and no call charges.
- Cospas-Sarsat T.001/T.007 class 2 classification.
- Satellite transmit signal : 406.037 MHz at 5 mW.
- Homing signal : 121.5 MHz at 50 mW.
- 6-year replaceable lithium battery.
- Operational battery life : 24 h minimum once activated.
- Secured 3-stage activation.
- International approvals.

SAFELINK SOLO

Ref.

Serial code for France

60465

Supplied with buoyancy pouch, universal belt pouch in soft nylon and wrist strap.

AIS SRS* personal beacon (*Survivor Recovery System)

The SRS (Survivor Recovery System) AIS is an innovative personal safety device developed to assist with recovery of persons in difficulty at sea. Incorporating both AIS and GPS technologies, the beacon is manually activated and transmits a unique and structured alert message and exact GPS position to the survivor.



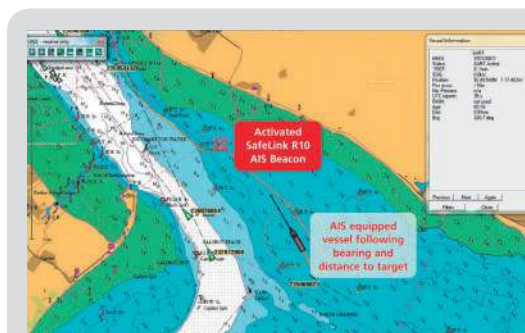
Safelink R 10

60875

includes buoyant pouch.

How Safelink R 10 works :

- Activated manually in an emergency situation
- An alert message is transmitted to all AIS receivers and AIS enabled chart plotters within a 4 NM radius (typical)
- Precise target survivor information including GPS position becomes viewable when the chart plotter cursor is positioned over the icon.
- Provides exact location, distance and bearing to locate person(s) in need of assistance.



Accurate target survivor information in GPS position form and, if your chartplotter configuration allows it, in icons form.

- **Buoyant.**
- Activation : Manual.
- Battery type : 6 V lithium metal.
- Battery lifetime : 7 years.
- Weight : 120 g.
- Dimensions : L 123 x W 45 x Th. 25 mm.
- Buzzer.
- Reception frequency : Channel 1 : 161.975 MHz - Channel 2 : 162.025 MHz.
- Unique serialised ID : Serial.
- Updated GPS position : Every minute.
- Watertightness : Water resistant to 5 m.
- Operating temperature : -20° C/+55° C.
- Storage temperature : -30° C/+70° C.
- Power : 2 W.
- 4 NM radius.
- 24-hour transmission minimum.

AIS SART



AIS SART 59503

An AIS SART (Search and Rescue Transponder) is an emergency beacon for use on a liferaft. It transmits a locating signal which is received by all AIS-equipped vessels within range, enabling any of those vessels to home in and offer assistance. The alert message contains GPS position, course and speed, and the unique AIS SART ID number. The AIS SART is a manually deployed search and rescue locating device intended for use on a liferaft or any other survival craft. It meets IMO-SOLAS requirements and is an alternative to a radar SART. Compact, easy to operate and deploy, the AIS SART is packed inside a quick-release carrying bag for quick evacuation.

AIS SART transmits target survivor information including alert messages, GPS position information and serialised identity number.

Once activated, the AIS SART transmits continually for a minimum of 96 hours. A built-in high precision GPS provides accurate position information to assist in quick recovery of survivors. Whether wall-mounted in the ship's bridge or packed inside a liferaft, the highly visible and buoyant carrying case ensures optimum protection of the device.

- Ship or liferaft survival device.
- Rugged, compact and lightweight.
- Waterproof to 10 metres.
- Buoyant.
- Visual indication of operation.
- Non-hazardous battery for safe and easy transportation.
- Operational battery life : 96 h minimum.
- 6-year battery life.
- Built-in test facility.
- Comes complete with its own carrying case and lanyard.
- Mounting options, internal/external.
- IMO-SOLAS approved.



Automatic survival device 61907

AIS SART

Ship or liferaft rescue location device.

It transmits a locating signal which is received by all AIS-equipped vessels within range, enabling any of those vessels to home in and offer assistance.

AIS SART transmits target survivor information including alerts messages, GPS position information, course, speed and serialised identity number.

Supplied with 1 m pole mount, 10 m buoyant lanyard, mounting bracket (mounts to bulkhead or horizontal/vertical pole), user manual, quick start guide, storage bag & fixing screws.



advanSea

- **Buoyant**
- Waterproof IPX8
- Operational battery life : 96 h minimum
- Battery type : lithium
- Battery lifetime : 5 years
- Reception frequency :
Channel 1 : 161.975 MHz
Channel 2 : 162.025 MHz
- Operating temperature :
-20° C to 55° C
- Dimensions : 381 x Ø 67 mm
- Weight : 250 g
- International approvals

GPS connected beacon



Tifiz

Tifiz
65035

Enjoy safe paddle riding or kayak touring with Tifiz GPS tracker and provide peace of mind to your family or friends.
Ideal for seaside activities up to 5 NM, Tifiz geolocates at any time a person or object from a mobile phone, a tablet or a computer.



Waterproof IP67, floating
1-year subscription included.



Ideal add-on accessory to a lifejacket, for use in seaside activities.

Compact, waterproof, floating and rugged, Tifiz tracker is the perfect companion for your outdoor activities : boating, kayak, sea-wading, kite-surf, hiking... Tifiz can be fixed on a garment or object. It requires ultra low power and operates using the Sigfox* network with a 1-year run-time and no need for a SIM card.

3 functions :

- **Track a person or animal.** When device moves, location is updates every 10 minutes* with track history available on My Tifiz application or on www.mytifiz.com
- **Track an equipment which can move or be stolen :** boat engine, bike, scooter, boat fleet... Set up the surveillance perimeter between 250 m and 5 km, and you will be warned as soon as Tifiz goes beyond this perimeter.
- **Send an SMS alert :** simply by pressing the button for 5 seconds, the Tifiz holder can activate an SMS alert to indicate his/her position to a friend.

* Under GPS and Sigfox coverage conditions.



*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>

How does it work ?

- Create your personal account on www.mytifiz.com or with My Tifiz application.
- Activate or renew your 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 your 12 months network subscription with the card provided in the box.
- 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).

- Waterproof : IP 67.
- IOS or Android applications.
- Alert (5-second press on button).
- Features a strap to attach the tracker anywhere.
- Includes a CR123 battery – can be replaced by user.
- Weight : 45 gr.
- Floating.





10 reasons why it couldn't happen to us



1. We are all good swimmers.

Even strong swimmers weaken and tire quickly in rough, cold sea conditions.

2. We only sail a few miles offshore.

For non-swimmers, children and older crew members, a few miles offshore is as far as the other side of the ocean.

3. I only venture out where there are boats around us.

A marina is the only place where boats are always nearby to assist in the event of an emergency.

4. I have a VHF radio.

Most fatal accidents at sea happen to boats that do have a radio.

5. I carry an inflatable dinghy.

Without a ballast system, heavy seas will turn a dinghy upside down like a toy, while the liferaft "sticks" to the sea thanks to its ballast pockets. Besides, a dinghy is not designed for rescue and survival : it carries no water or survival equipment, and has no bright canopy for protection and visibility...

6. Our boat is quite new.

So was the Titanic ! There are more shipwrecks than most people believe ; the press reports some of them, but a vast majority are never mentioned.

7. We have enough lifejackets for everyone aboard.

After one hour in 10° C waters, a lifejacket cannot prevent exhaustion or unconsciousness. With 1 metre or higher waves, it is very difficult to see someone floating in the water from a relatively short distance.

8. Statistically, the chances of a serious accident are very slim.

Yes, but when it comes to human lives, the slimmest chance is one too many...

9. I am a very experienced boater.

No doubt, but have you ever faced the suddenness of a marine emergency ? Have you ever had to abandon ship in an emergency with all the panic and chaos that goes with it ? You are in charge of your boat, and in charge of your crew ; it is your responsibility to anticipate the worst in order to be able to bring them home alive...

10. I never leave without checking the weather forecast.

Good, that's a basic safety measure ; but forecasts can occasionally be wrong : the Fastnet tragedy of 1979 and the 1998 Sydney Hobart race will remain in our memories a long time...



Rescued off Tasmania, January 2013

A35 yacht, sailing solo round-the-world.

« On 17 January 2013, after sailing for 83 days, a huge depression generates 70 knot winds and a raging sea. My boat capsizes. It quickly turns upright again but the mast is broken in four pieces and remains blocked through the roof.

At no time however do I feel my life threatened and I wait inside the boat for the elements to calm down in order to organise a jury rig and head towards Hobart 550 NM away. The mast is gradually dismantling the roof as a wrecking bar would do. Bailing the water out regularly seems to do the trick.

Around 6 hours later, a swell turns the boat around and it remains upside down. Water is flowing in through the damaged roof. The water inside acts as a ballast that relatively stabilizes the boat. The situation becomes critical and another swell slowly turns the boat upright.

The water inside reaches the bunks and the chart table. The boat is now becoming extremely vulnerable.

I decide to leave the boat. The liferaft is stowed at the aft of the cockpit, an open cockpit which helps me lift and throw the liferaft easily. The liferaft inflates instantly. I take the distress beacon, my survival suit, a watertight canister with a portable VHF, Iridium phone, GPS, flares... The rope connecting the liferaft to the boat is partially entangled in the wind vane that is damaged and hanging off the boat stern. The raft bangs regularly into the transom which now

His **PLASTIMO** liferaft saved his life

shows some sharp and protruding parts (broken windvane, hydrogenerator...). As I fear that the liferaft might get damaged, I decide to cut the rope.

I activate and secure the distress beacon. The following hours are a very busy episode, with five capsizes of the liferaft. I use the technique I learnt during the ISAF training session, i.e. stand on the tube to grab and pull the rope underneath the raft, designed precisely to lift up the raft and turn it in the correct position. This manoeuvre works perfectly. At some point, I loose my glasses and see my survival suit float away from the liferaft. It is getting dark when the fifth capsize occurs and I am totally exhausted by these turnaround manoeuvres.

When daylight breaks, I set up a drogue which reduces the liferaft drift and that's when I can see the first aeroplanes above me. I indicate that I have no water, no food and no protection against the cold. They manage to throw a survival suit, water and food and two VHF's.

In the meantime, rescue operations are being organised and Australian planes fly closer regularly and provide a real support. I have a good morale and remain positive. The cruise ship "Orion", just back from the Antarctic, sets off its course to come and rescue me.

I have finally spent 56 hours in the liferaft in a 8-9°C water temperature and 9-11°C air temperature.

I would like to thank the rescuing forces and partners :

- CNES in Toulouse who received the signal from my distress beacon and reacted promptly
- CROSS Gris Nez
- AMSA, the Australian Marine Safety Authority,
- Cruise ship Orion and crew who adapted their course to come and rescue me.

And of course, the essential element in this rescuing chain, my Plastimo liferaft which did the job perfectly in these extreme conditions. »



Plastimo thanks Alain Delord who visited our factory in Lorient-France and shared his liferaft experience with our production staff and R&D engineers.

Alain Delord **had his liferaft serviced** before he set off around the world, which contributed to a more efficient rescue operation : with updated record and a perfect **traceability programme**, Plastimo was able to give precise information to the rescue forces and indicate that Alain Delord had no water or food on board. Providing him with water and food then became the no.1 priority.

* Note : the same 4-man Transocean liferaft is available in + 24h version with water and food on board.

When you buy a Plastimo liferaft, do not forget to **register the warranty** : in addition to an orderly administrative procedure, it enables us to have updated records in order to cooperate more efficiently with rescuing forces, should the need arise.



10 reasons for a Plastimo



1 By coming to Plastimo, the Specialist of Safety Equipment for 50 years, you are sure to make the right choice.

2 Only Plastimo liferafts feature a double chamber construction.

The "tube-within-a-tube" construction, very much like a tyre construction, consists of a polyurethane inner chamber, within a PVC coated polyester outer shell.

This construction allows :

- to take advantage of the very best features of every material : offering extreme resistance outside, and perfect airtightness inside ;
- to reduce the cost of 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 the damage is situated under the water line.

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

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



4 You won't lose 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.

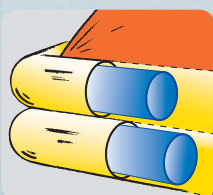


5 Your Plastimo liferaft is backed by a 12-year warranty.

As far back as 1989, Plastimo was the first to answer your expectations by offering a 12-year* warranty on all its liferafts.

* Starting on date of purchase.

12 year
Warranty



PLASTIMO EXCLUSIVITY :
the double chamber



liferaft on board



ISO 9001

BUREAU VERITAS
Certification



6 We run our factory under ISO 9001 standard.

Sewing, welding or trading inflatable structures does not 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.

7 We are so confident of our technological skills that we offer you the possibility to service your liferaft only every 3 years*, i.e. 3 servicing sessions over the 12-year warranty period.

This is another Plastimo innovation, with direct consequence on your liferaft budget.

* For boats sailing in Europe, and subject to your national regulation.

8 Should your liferaft save your life this year as a consequence of shipwreck, we will service your raft free of charge or, if necessary, replace it free of charge.

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



9 Whatever your navigation programme, you will find a station to service your liferaft, anywhere in 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. Please refer to the list of Plastimo authorized stations.

10 In case you might need a 10th reason, what about trusting THE French manufacturer who has been SPECIALIST OF SAFETY AT SEA FOR 50 YEARS ?

Every liferaft unit that Plastimo launches on the market comes out of our Lorient-France factory. 50 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**



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.



The specialist of safety at sea

Plastimo has been the leading designer and manufacturer of safety equipment for 50 years : our Research and Development 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

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.



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.



PLASTIMO
innovation

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
worldwide service

Plastimo worldwide service

Plastimo has appointed a large network of service stations throughout the world, to guarantee optimum service wherever your cruise may take you. Carefully selected for their professional service and skilled technicians, these stations are in permanent contact with our Lorient factory and engineers (regular training sessions, common quality assurance procedures...).

12 year
Warranty

These technical benefits combined with a highly professional service allowed Plastimo to be the first – now widely imitated – to proudly introduce the 12-year warranty on its liferafts, provided of course that the raft has been serviced at required intervals in one of our authorised stations.

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). However, this standard is not compulsory yet in all countries.

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.

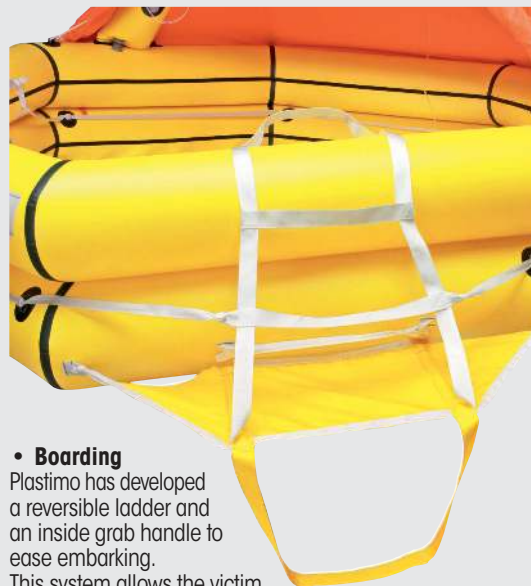
ISO 9650-2 Coastal navigation : type II liferafts (ISO 9650-2)

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 10 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 m ²	0.250 m ²
Buoyancy / person	96 litres	82 litres
Canopy	Deploys automatically	Deploys manually
Outside light	4.3 cd	0.75 cd
Retro-reflective tapes	1500 cm ²	1500 cm ²
Survival kit	Emergency > 24 h / Standard < 24 h	Standard

The ISO 9650 standard defines the performance level in terms of inflation, launching, resistance, buoyancy, interior space and emphasizes particularly :



• Boarding

Plastimo has developed a reversible ladder and an inside grab handle to ease embarking.

This system allows the victim to hoist himself up on the ladder and then topple easily into the liferaft. Should the liferaft inflate upside down, the boarding ladder simply reverts, to allow the victim to pull himself on the capsized liferaft and thus making it easier to turn over the raft in its natural position.

On ISAF models, this ladder system is combined with a boarding ramp.



• Stability

Large number and volume of ballast pockets (220 litres minimum) provide improved stability.

• Visibility

4.3 cd SOLAS outside light on ISO 9650-1 and 0.75 cd on ISO 9650-2 ; 1500 cm² retro-reflective tapes. For optimum visibility, Plastimo liferafts are constructed with vibrant yellow buoyancy tubes and fluorescent orange canopy.





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 the ISO 9001:2008 international standards.

The BV/ISO 9001:2008 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.

ISO 9001

BUREAU VERITAS
Certification



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.

Your Plastimo liferaft must be serviced exclusively in one of our authorised servicing stations see page 100 and on www.plastimo.com

In case you would still hesitate when choosing your liferaft...

What does "12-Year Warranty" mean for Plastimo ?

For Plastimo, "12-Year Warranty" means 12 years without any surprise : for 12 years, as from the date of purchase, you will never have to pay any operation (parts and labour) carried out on the inflation or buoyancy systems. 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 in one of our authorised stations** and stored in normal conditions.

The frequency of liferaft servicing is subject to :

- National regulation first and foremost ;
- In the absence of a national regulation on the frequency of servicing, your Plastimo liferaft must be serviced at 3-year intervals (for boats cruising in Europe).

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 scrutiny 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 one 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.



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 !

In a canister or in a valise ?

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.



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.



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 $\pm 10\%$, 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.



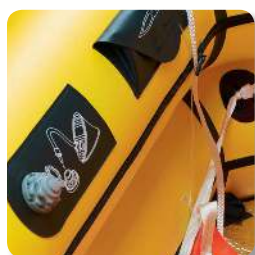
Choosing your liferaft



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 it 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**

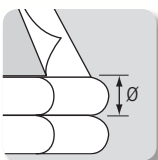
Aluminium coated insulating foam.

Cruiser std, Coastal ISO	Single floor
Cruiser ORC, Transocean ISO-ISAF	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

- **Floating anchor**

Liferaft	Anchor size	Anchor line
Cruiser	1 x 0.40 m ²	10 m
Coastal ISO	1 x 0.67 m ²	30 m
Transocean ISO-ISAF	1 x 0.67 m ²	30 m



- **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.

• 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-ISAF	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-ISAF	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.

• Signalling means and visibility

High visibility yellow buoyancy tubes.
Fluorescent orange canopy.

Liferaft	Retro-reflecting stripes
Cruiser	300 cm²
Coastal ISO	900 cm² canopy + 600 cm² bottom
Transocean ISO-ISAF	900 cm² canopy + 600 cm² 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 ISAF	1 boarding ramp + inside grab handle (1 boarding ramp + 1 ladder on 10-man rafts).
All 12-man liferafts	1 boarding ramp + 1 ladder



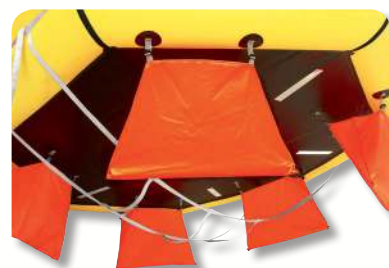
6-man
Transocean ISAF

• 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-ISAF	✓	✓

• Ballast pockets

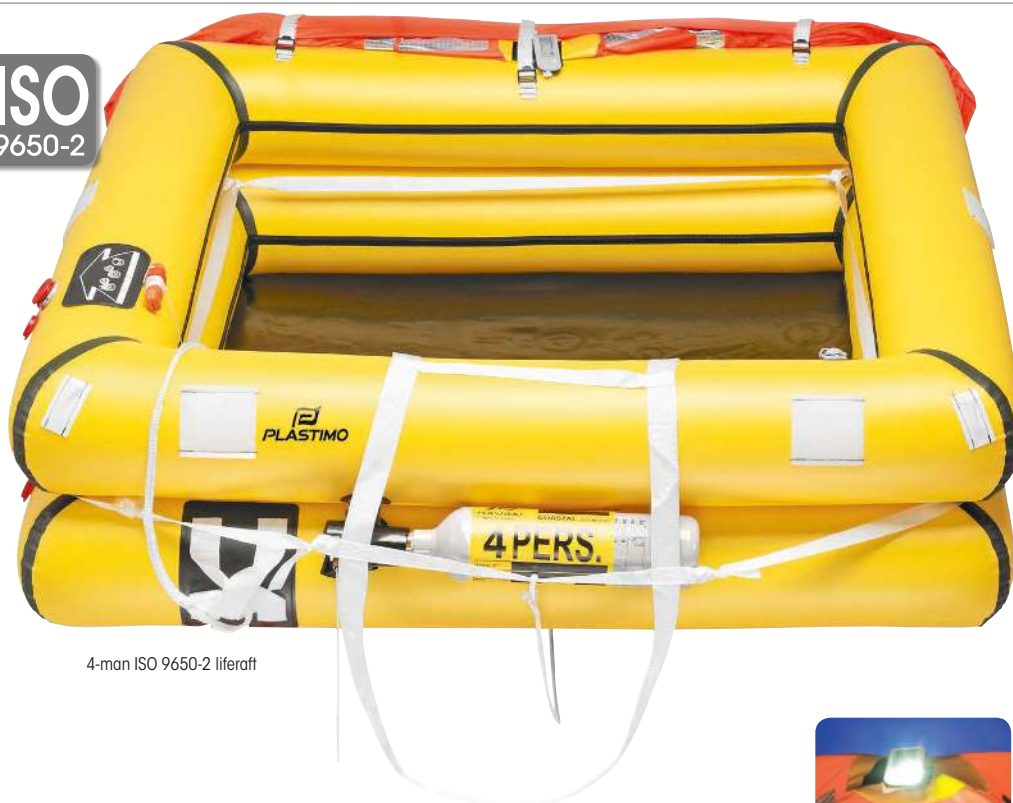


Liferaft	4-man	6-man	8-man	10-man	12-man	Capacity per pocket
	Number of ballast pockets					
Cruiser	3	3	4	-	-	30 litres
Coastal ISO	4	4	4	4	-	55 litres
Transocean ISO-ISAF	4	4	4	5	6	55 litres

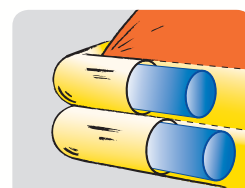
Coastal liferafts



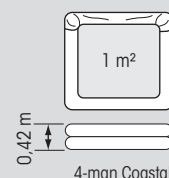
ISO
9650-2



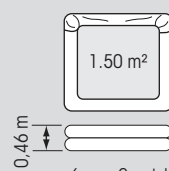
4-man ISO 9650-2 liferaft



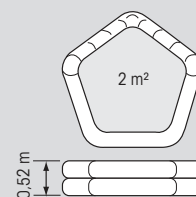
PLASTIMO EXCLUSIVITY :
the double chamber



4-man Coastal



6-man Coastal



8-man Coastal

Useful area inside liferaft

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



See full description
of included equipment
on pages 96-97

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,
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.



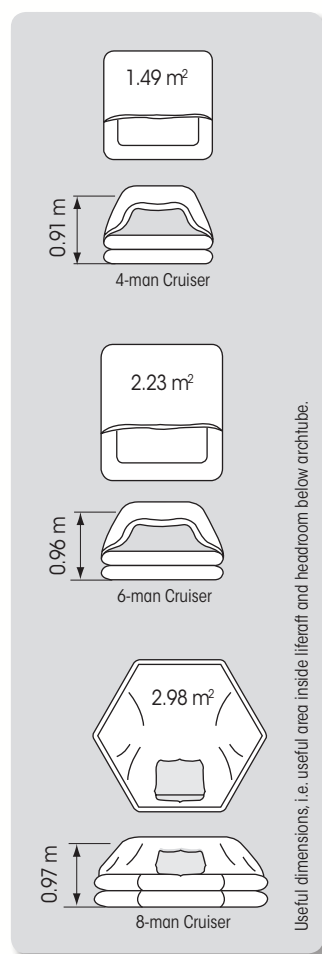
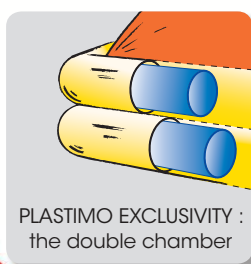
Inflatable arch tube
on 8-man model

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.



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.

Special notice to ISAF racers

Cruiser ORC and ORC+ models do not fully comply with ISAF offshore special regulations (for ISAF races cat. 1 & 2) applicable from 01.01.2003.
This restriction applies to ISAF racers only.
Please contact our sales office for full details.

Blue water liferafts

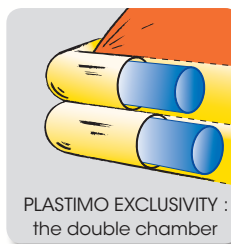


ISO
9650-1

See full description
of included
equipment
on pages 96-97.



6-man
ISO 9650-1
Transocean.



PLASTIMO EXCLUSIVITY :
the double chamber

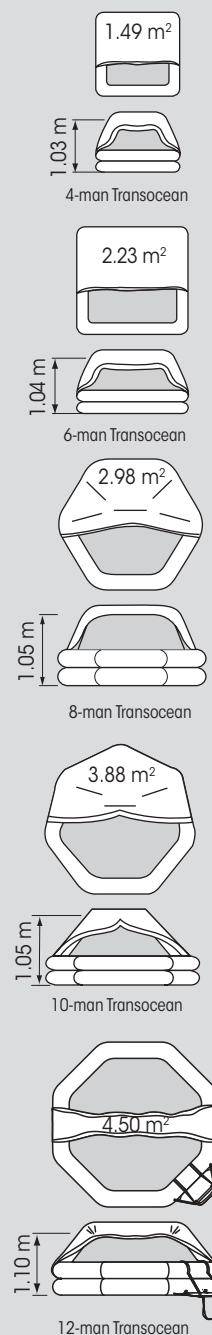
ISO 9650-1 Transocean

Designed for navigation in extreme conditions : large capacity and quantity of ballast pockets, large area drogue anchors, -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.

The Transocean ISO 9650-1 also features a ballasted 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.

Two types of survival equipment packs are available, depending on the expected time that the victim may spend in the raft waiting for the rescue teams : the emergency pack includes water and food (rescue forces expected after 24 hours) and a standard pack (rescue forces expected within 24 hours).

The survival pack can be completed with a grab bag : see page 98.



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	

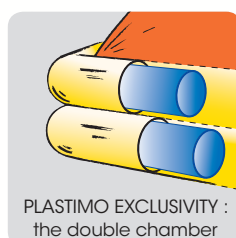
TRANSOCEAN PLUS ISO 9650-1 (Type 1, Group A)					EMERGENCY SURVIVAL PACK : RESCUE AFTER 24 HOURS				
4-man		6-man		8-man		10-man		12-man	
Valise	Canister	Valise	Canister	Valise	Canister	Valise	Canister	Canister	
52163	52176	52388	52389	52390	52391	52392	52393	52395	
41 kg	44 kg	50 kg	53 kg	61 kg	67 kg	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	

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

ISAF

ISO
9650-1See full description
of included
equipment
on pages 96-97.10-man ISAF
Transocean.

REQUIRED FOR MOST OFFSHORE RACES.
Developed from the ISO 9650-1A standards,
it meets the ISAF 1&2 categories
and OSR 4.20.2 (d) i-iv requirements.

PLASTIMO EXCLUSIVITY :
the double chamber

ISAF Transocean

Developed from the ISAF standard, specially adapted to offshore racing.

Designed for navigation in extreme conditions :

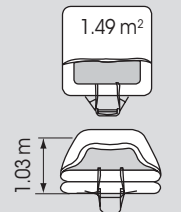
large capacity and quantity of ballast pockets, large area drogue anchors, -15°C inflation temperature, double insulating floor, fluo orange canopy with automatically erecting arch tube, 4.3 cd. outside light and retro-reflecting stripes.

The Transocean ISAF also features a boarding ramp with an inside grab handle to ease embarking. This system allows the victim to hoist himself up on the ramp and then topple easily into the raft.

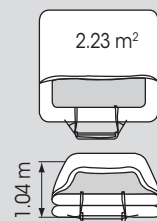


Two types of survival equipment packs are available, depending on the expected time that the victim may spend in the raft waiting for the rescue teams : the emergency pack includes water and food (rescue forces expected after 24 hours) and a standard pack (rescue forces expected within 24 hours). The survival pack can be completed with a grab bag : see page 98.

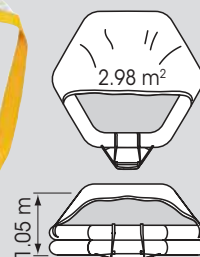
PVC coated polyester boarding ramp,
with fibreglass frame.



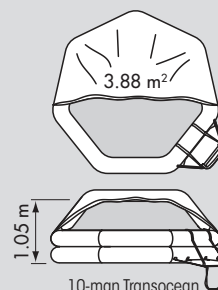
4-man Transocean



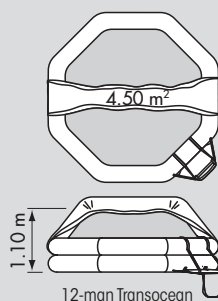
6-man Transocean



8-man Transocean



10-man Transocean



12-man Transocean

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

ISAF TRANSOCEAN		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

ISAF TRANSOCEAN		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 (length x width x height).

Liferaft equipment



Raft equipment

Equipment

Liferaft model

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

Personal survival

- Raincatching gutter on canopy
- 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)
- Seasickness pouch (1/person)

Signalling equipment

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

CRUISER STANDARD	CRUISER ORC	CRUISER ORC+	COASTAL ISO	IBIZA	TRANSOCEAN ISO-ISAF PACK <24H	TRANSOCEAN ISO-ISAF PACK >24H
1 0,40 m ² + 10 m line	1 0,40 m ² + 10 m line	2 0,40 m ² + 10 m line	1 0,67 m ² + 30 m line	2, SOLAS + 30 m line (1 automatic anchor)	1 0,67 m ² + 30 m line	1 0,67 m ² + 30 m line
1	1	1	1	1	1	1
-	-	-	-	2, SOLAS	-	2, SOLAS
1	2	2	2	2	2	2
1	1	1	1	1	1	1
1 + 15 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	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	1	1	1	1

1	1	1	-	1	1	1
1	1	1	-	1	1	1
0,2 L	-	0,5 L	-	-	-	1,5 L
-	-	1	-	-	-	-
-	-	125 g	-	-	-	500 g
-	-	1	-	-	-	-
-	-	1	-	1	-	1
-	✓	✓	✓	✓	✓	✓
-	-	-	✓	✓	✓	✓

-	3	3	3	3	3	6
-	-	2	2	2	2	2
-	-	-	-	2	-	-
-	-	2	2	-	-	-
-	-	1	1	1	1	1
-	-	-	1	1	1	1
				1	1	1
-	300 cm ²	300 cm ²	900 cm ²	900 cm ²	900 cm ²	900 cm ²
-	-	-	600 cm ²	600 cm ²	600 cm ²	600 cm ²
-	-	-	-	7300 cm ²	-	-
1	1	1	1	1	1	2
-	-	✓	✓	✓	✓	✓
-	-	1	1	1	1	1

Grab bags



53754



53753

Plastimo grab bags

Contents :

- First aid kit.
- 2 SOLAS thermal protective blankets.
- 1.5 L water/person.
- 500 g food rations/person.
- 1 torch.

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.

Grab bag with full contents	Reference
Waterproof bag with shoulder strap For 4-6 persons	53753
Waterproof backpack For 8-10 persons	53754

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	



300550



300548



Universal cradle

27462

Stainless steel, adjustable cradle. Fits all liferafts.

Installation possibilities :

- Horizontally on deck.
- Vertically on pushpit or transom.

Tube diameter : 19 mm.



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

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).

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

Options

- **Hydrostatic release unit :**
300550*
(See page 98).

- **Anti-theft cable :**
Supplied without padlock.
For cradle B
40450

For cradle C & E
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.

Authorised service stations



ANTIGUA

Seagull Inflatables - FALMOUTH - 1 268 460 1020
seagullinflatables@hotmail.com

SAUDI ARABIA

Baaboud for Safety Equipment - JEDDAH
966 2 63 60 112 / safety@mesest.com

AUSTRALIA : See www.plastimo.com

AUSTRIA

Moerth Marine GmbH & CoKG - GRAZ-FELDKIRCHEN
316293929 / service@moerth-marine.com

BELGIUM

Survitec Services & Distribution
OSTEND - 59 339600 / info@skblse.be
ANTWERP - 32 138670
info.skb@survitecgroup.com

CANADA

Equipments Survie maritime Inc. - CHATEAU RICHER
418 824 3770 / info@esmqbec.com

CROATIA

Antipiros - SPLIT
21 495 062 / antipiros@antipiros.com

DENMARK

Pably Marine - KOLDING
75 88 13 11 / pably@pably.dk

FRANCE

Mainland France

Plastimo - LORIENT - 2 97 87 36 56
sav.radeaux@plastimo.com

Corsica

Bizzari Nautic - AJACCIO-MEZZAVIA
4 95 22 12 37 / bizzari.nautic@wanadoo.fr

Overseas regions

• Caribbean

Eurosurvie - PETIT BOURG,
GUADELOUPE - 05 90 32 24 51 / eurosurve@gmail.com

La Survy - LE MARIN, MARTINIQUE
05 96 74 63 63 / la.survey@wanadoo.fr

Liferafts Etc. - SAINT MARTIN
06 90 74 43 30 / info@liferaftsetc.com

• Reunion

Eureka - LA POSSESSION
02 62 42 30 19 / erk3@wanadoo.fr

• New Caledonia

Speed Marine - NOUMEA
687 28 34 69 / fh@speedmarine.nc

• French Polynesia

TahitiSport SA/Nautisport - PAPETEE
(689) 454885 / dep.vente@nautisport.pf

Chantier Naval des Iles Sous le Vent
RAIATEA - (689) 66 10 10 / cni@mail.pf

• Saint Pierre & Miquelon

EMVSP Ecole Municipale de Voile - SAINT PIERRE
05 08 41 47 36 / emvsp@cheznoo.net

GERMANY

Baden Württemberg

Marinesport Kösling - FRIEDRICHSHAFEN
7541 23793 / info@koesling.de

Mecklenburg Vorpommern

Survitec Service & Distribution GMBH - ROSTOCK
381 811 2780 / rostock@survitecgroup.com

Industrie & Yachtausrüstung Rostock - ROSTOCK
381 492 2170 / i-ya.hro@t-online.de

Nordrhein-Westfalen

Lenz Rega Port - DUSSELDORF
211 306371 / Info@lenz-rega-port.de

AW Niemeyer - DORMAGEN
2133 9781 0 / awn_dormagen@awn.de

Survitec Service & Distribution GMBH - HAMBURG
40-675096-0 / info@cosalt.de

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431 56 10 68 / nettitz@nettitz.de

AW Niemeyer - KIEL
431 97 41 70 / awn_kiel@awniemeyer.de

Bremen

SVB - BREMEN - 421 57290-15 / mti@svb.de

GIBRALTAR

Marine Safety - NEW HARBOUR
350 200 40402 / service@marinesafetygibraltar.com

GREECE

Pyrros Safety - PIRAEUS
210 4520391 / info@pyrros-safety.gr

Galanos Bros - PIRAEUS
210 4136035 / service@galanos.gr

IRAN

Hormuz Sea Safe Co. Pjs - TAJRISH, TEHRAN
(0098) 21 22 70 80 39 / managing@seasafe.ir

ISRAEL

Ashdot Raft Service Station - ASHDOT
972 8-644-4614 / chen@seagate-shipping.com

ITALY

Incomar - NAPLES
(0039) 081 752 77 57 / info@incomarsud.com

Motomarsarda - PORTO TORRES
0795 16181 / motomarsar@tiscali.it

Versilia Marine Service SNC
VIAREGGIO - 0584 396491
PORTO SANTO STEFANO - 0564 86 08 71
SAN REMO (IM) - 0184 50 87 33
info@versiliamarineservice.it

JAPAN

Kaz Marine - Sanyo - KANAGAWA
81 462 684 101 / tomomi@kazmarine.co.jp

MALTA

D'Agata Marine - GZIRA
356 21 341 533 / info@dagatamarine.

MOROCCO

Soremar - CASABLANCA
522 405 050 / soremar@soremar.com

Marconsult - AGADIR
528 821 683 / marconsult@marconsult.ma

NETHERLANDS

Survitec Service & Distribution
ROTTERDAM - (0031) 102 380380
GROU - 566 623.884
netherlands@survitecgroup.com

Jacobs Lifesaving B.V. - RIDDERKERK
786 849 070 / jc.jacobs@jacobs lifesaving.nl

VCU Veiligheidscentrum - URK
527 688125 / tineke@vcu.nl

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RFD Auckland - AUCKLAND
9 373 2019 / joanne.mcmahon@survitecgroup.com

RFD Wellington - WELLINGTON
4 499 9179 / rfdnz.wgt@survitecgroup.com

RFD Nelson - NELSON / 3 548 2996
rfdnz.nelson@survitecgroup.com

RFD Christchurch - CHRISTCHURCH
3 389 2117 / rfdnz.chch@survitecgroup.com

NORWAY

Seatronic - MOSS - 692 50960
seatronic@seatronic.no

PACIFIC ISLANDS

Papua - New Guinea

Marine Engineering Services - PORT MORESBY
5321 4509 mes@steamships.com.pg

Fuji

Marine Safety Services
SUVA - (00679) 331 24 26
NADI - (00679) 331 24 26
isaac.whippy@marinesafety.com.fj

PORTUGAL

REP Maritima Unipessoal Limitada - MADERA
291 969 800 / elmanosilva@repmaritima.com

SLOVENIA

Remop - PORTOROZ
5 6250 180 / Neon.kp@siol.net

SPAIN

Andalusia

Mascyf - CADIZ
956 25 86 03 / mascyf@mascyf.com

Extinval - ALMERIA
950 622 389 / extinval-almeria@extinval.com

Cantabria

José Antonio Docal - SANTANDER
942 324 300 / docal@docal.es

Catalonia

Cesmar - L'ESCALA (Girona)
972 77 38 47 / info@cesmar.cat

Balsamar - BARCELONA
937 586 078 / info@balsamar.com

Nautica Alfacs - SANT CARLES DE LA RAPITA
977 742 000 / salvament@nauticaalfacs.com

Galice

Tridente - VIGO
986447446 / panton@tridentesi.com

Valencia

Extinval - VALENCIA / 963 674 053
jcosin@extinval.com

Equipos de Salvamento - SANTA POLA (Alicante)
966 691 220 / blascobalsas@hotmail.com

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Juan Gorordo Egaña - SAN SEBASTIAN
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O.S. Safety Equipment - PALMA
971247211 / service@oscarsierra.com

Sea Safe - SANTA PONCA
971 69 5507
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Velamar Sails - IBIZA
971 31 16 60 / info@velamar.es

Canary Isles

Inprecasa Industria de Prevención Canarias -
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922 650 131 / inprecasa@inprecasa.com

Inprecasa - LAS PALMAS
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87 775 200 / info@bataccen.se

Göteborg Flottservice AB - GÖTEBORG
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Norrkust Marina Varvs AB - BATSKARSNAS
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Sjösäkerhetskompaniet AB - HÄGERSTEN
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• Cornwall

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873777 / ce.banyard@btconnect.com

• Northern Ireland

K.T.S Sea Safety - NEWRY
835870 / paul@chmarine.co.uk

• Essex

South Eastern Marine Services Ltd - BASILDON
534427 / glen@aerosafe.co.uk

Premium Liferaft Services - BURNHAM ON CROUCH
784858 / info@liferafts.com

• Hampshire

Ocean Safety Ltd - SOUTHAMPTON
729075 / glasgow@oceansafety.com

Viking Lifesaving Equipment Ltd - SOUTHAMPTON
454184 / vikingth@viking-life.com

Universal Safety - SOUTHAMPTON
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Survitec Service & Distribution Ltd - EDINBURGH
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Caribbean Inflatable Services - ST THOMAS
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Avalon Rafts Sales and Service Inc. - WILMINGTON
(310) 549 9665 / daraffman@aol.com

Coast Marine & Industrial Supply - SAN FRANCISCO
(800) 433 8050 / comarst@aol.com.

Sal's Inflatables - ALAMEDA
(510) 522 1824 / salsinflatables@sbcglobal.net

Florida

Lifeline Inflatables Services Inc. - MIAMI
(305) 621 1500 / lee@lifelineinflatable.com

Lifeline Marine Services Inc. - CAPE CARNAVERAL
(331) 636 1252 / sales@lifelinemarinesafety.com

Solution One Maritime - TAMPA
(813) 241 6654 / sales@solutiononemaritime.com

Rhode Island

Life Raft and Survival Equipment - TIVERTON
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