

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**

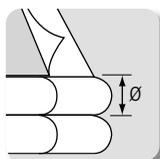
Aluminium coated insulating foam.

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



- **Buoyancy tube diameter**

Upper and lower tubes are totally independent on all Plastimo liferafts.



4-man	6-man	8-man	10-man	12-man
2 x ∅ 21 cm	2 x ∅ 23 cm	2 x ∅ 26 cm	2 x ∅ 28 cm	2 x ∅ 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-OSR	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-OSR	4.3 cd – SOLAS. Automatic activation.	0.5 cd – SOLAS. Automatic activation.



6-man Transocean ISAF



• **Arch tube**

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

• **Signalling means and visibility**

High visibility yellow buoyancy tubes.
Fluorescent orange canopy.

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

• **Boarding**

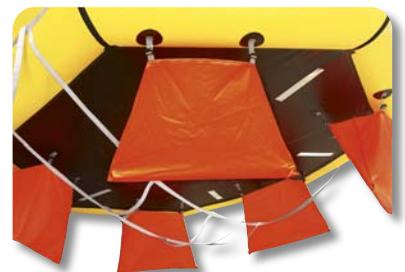
Very large opening to facilitate access directly from the boat.

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

• **Inflation temperature range**

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

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



• **Ballast pockets**

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

Liferaft equipment



Raft equipment

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

Personal survival

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

Signalling equipment

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

	CRUISER STANDARD	CRUISER ORC	CRUISER ORC+	COASTAL ISO	IBIZA	TRANSOCEAN ISO-OSR PACK <24H	TRANSOCEAN ISO-OSR PACK >24H
	-	-	-	-	2, SOLAS	-	2, SOLAS
	1 0,40 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	2	2	2	2	2	2
	1	1	1	1	1	1	1
	1	1	1	1	1	1	1
	1	1	1	1	1	1	1
	1	1	1	1	1	1	1
	1	1	1	1	1	1	1
	1	1	1	1	1	1	1
	1 + 30 m line	1 + 30 m line	1 + 30 m line				
	1	2	2	2	2	2	2
	1	1	1	-	1	1	1
	0,2 L	-	0,5 L	-	-	-	1,5 L
	-	-	1	-	-	-	-
	-	-	125 g	-	-	-	500 g
	-	-	1	-	-	-	-
	-	-	1	-	1	-	1
	-	✓	✓	✓	✓	✓	✓
	1	1	1	-	1	1	1
	1	2	2	2	2	2	2
					1	1	1
	-	-	1	1	1	1	1
	-	-	-	1	1	1	1
	-	-	1	1	1	1	1
	-	3	3	3	3	3	6
	-	-	2	2	2	2	2
	-	-	-	-	2	-	-
	1	1	1	1	1	1	2
	-	-	2	-	-	-	-
	-	300 cm ²	300 cm ²	900 cm ²	900 cm ²	900 cm ²	900 cm ²
	-	-	-	-	7300 cm ²	-	-
	-	-	-	600 cm ²	600 cm ²	600 cm ²	600 cm ²



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

In a canister or in a valise ?

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.

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 !



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.





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

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



Anti-theft cable without padlock

Hydrostatic release unit : **300550***

(See page 104 for hydrostatic release units).

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

* A hydrostatic release unit can be installed only on Plastimo liferafts manufactured after 1997.

Deck-mount cradle + straps, shown here with all optional extras : hydrostatic release unit, anti-theft cable and padlock.

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).