



MOORING MODULAR BUOY

FLOATEX manufacture a wide range of mooring- midline buoy.

Buoys are available with bollard, pad eye or swivel, and with combination of several S.W.L., buoyancies and water depths ensuring Floatex to offer a complete range solutions to satisfy all client's requirements.

GENERAL DESCRIPTION

Outer shell of the buoy:

Floating modules made in UV-stabilized linear virgin polyethylene.

The Polyethylene used in the manufacturing process is completely recyclable (Eco-Friendly), it's fully compatible with the marine environment, and has a high resistance to UV rays.

Being linear has the advantage that it can be melted and hence repaired by hot fusion welding.

The colour pigment is moulded-in and consequently not added as a coating ensuring greater life of the color and a big help to the environment as it never requires additional paintings, avoiding toxic dispersions in the water. Floatex polyethylene require a minimal maintenance.

R&D laboratory daily perform test on production samples such as tensile test, hardness test, abrasion test, UV test and Cold temperature test, colour test and other ordinary tests in the aim to ensure the quality and the reliability of Floatex polyethylene.

Inner filling of the buoy:

The modules is filled with closed-cell able to withstand the hydrostatic pressure at OPERATING WATER DEPTH requested.

The polyurethane foam ensure great resistance to the leakage of air or water, ensuring unsinkability to the buoy also in case of accidental breaks of the outer shell. The polyurethane foam is 100% made and tested before production by our R&D laboratory.

Steel hardware:

Central steel rod c/w locking plates at both end of the floating module.

BOLLARD, PAD EYE OR SWIVEL EYE at both ends to facilitate the operation of handling and the connection with the chain/rope.

The metal parts are HOT DEEP GALVANISED.



MOORING BUOY TYPE RM16

FLOATEX produces a wide range of pick-up, small mooring , marker buoys.

Buoy TYPE RM16 are utilised to moor boat and yacht of medium size. A ring on the top of the buoy facilitates mooring and handling operation.

Foam fender covered with urethane protect boat and buoy against collision and avoid stains on the boats.

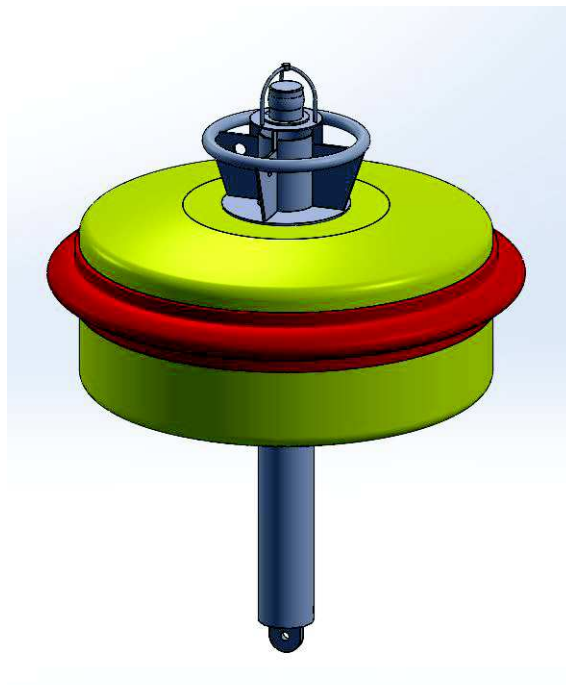
Outer shell of the buoys is rotomoulded high impact resistant polyethylene. Colour imbedded, UV rays resistance.

The material used for the foam filling is chosen in base of the operative water depth the buoy need to withstand , using rigid monocellular polyurethane.

Each buoy is complete with inner steel structure for the operation of lifting and mooring. FLOATEX offer as standard 14 tons SWL.



TYPE	Nett. buoyancy (Kg)	Weight (Kg)	Diam. (mm)	Max mooring weight (mm)	L.O.A. (mm)	S.W.L. (tons)
RM1608	1125	325	1600	500	2400	14



TYPE	Nett. buoyancy (Kg)	Weight (Kg)	Diam. (mm)	Max mooring weight (mm)	L.O.A. (mm)	S.W.L. (tons)
RM1611	1764	366	1600	1140	2400	14

