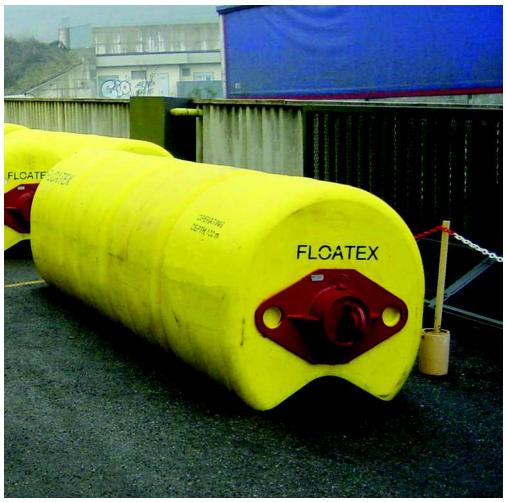
PIPE LAYING FLOATS-OVAL SERIES

These series of floats are used to break down the immersion velocity during pipe laying operations, as well as avoiding excessive bending of the pipes at time of deployment at sea.



The floats are manufactured from an outer shell 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 colour and a big help to the environment as it never requires additional paintings, avoiding toxic dispersions in the water. Floatex polyethylene requires a minimal maintenance.

R&D laboratory daily performs tests 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.

The floats are filled with closed-cell polyurethane foam with different density in base of the hydrostatic pressure the floats need to withstand. The polyurethane foam ensures 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.

Floats are fastened to the pipe by means of straps (steel or nylon).

OVAL floats, thanks to their modular construction, can house a connection steel pipe, covering different ranges of buoyancy in base of client's requirements. Once the floats finishs their works, can be eventually released by divers or by automatic self-releasing systems allowing the recovery of the floats at surface level.

Particular attention has been given during the design process, to develop elements with adequate dimensions that can fit in standard shipping containers in the aim to contain transport costs all over the world.

FLOATEX

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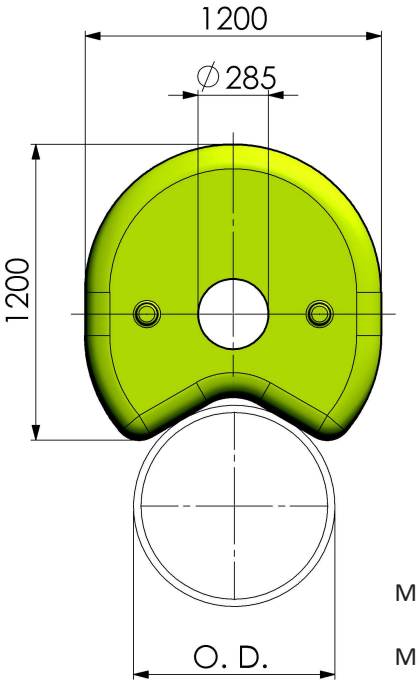
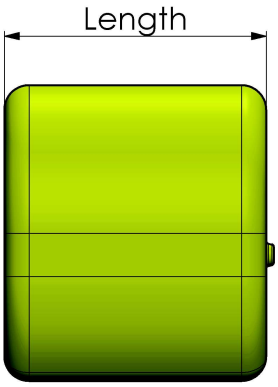


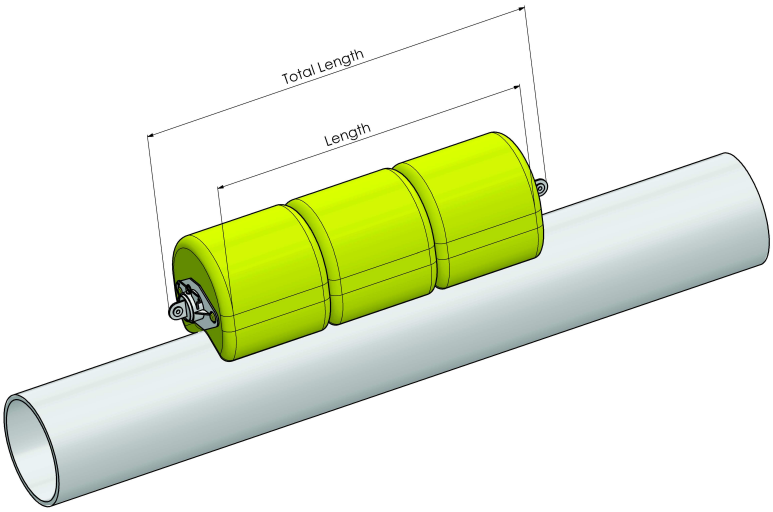


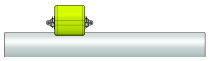
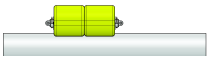
TYPE	Length (mm)
OVAL10	1060
OVAL12	1200
OVAL13	1350

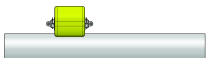
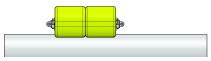
Min. O.D. : Ø 400 mm

Max O.D. : Ø 1600 mm

Water Depth	OVAL10		OVAL12		OVAL13	
	Weight (kg)	N. B. (kg)	Weight (kg)	N. B. (kg)	Weight (kg)	N. B. (kg)
0 - 20m	133	1020	146	1161	172	1301
20m - 50m	176	977	190	1117	220	1253
50m - 100m	239	914	244	1063	300	1173



OVAL10 with metallic structure					
N. Float	Water Depth	Length (mm)	Tot. Length (mm)	Weight (kg)	N. B (kg)
	0 - 20m	1060	1716	335	895
	20m - 50m			370	860
	50m - 100m			435	795
	0 - 20m	2120	2766	530	1915
	20m - 50m			605	1840
	50m - 100m			730	1715
	0 - 20m	3180	3836	720	2940
	20m - 50m			835	2825
	50m - 100m			1025	2635
	0 - 20m	4240	4896	915	3960
	20m - 50m			1065	3810
	50m - 100m			1320	3555

OVAL12 with metallic structure					
N. Float	Water Depth	Length (mm)	Tot. Length (mm)	Weight (kg)	N. B (kg)
	0 - 20m	1200	1856	350	1040
	20m - 50m			395	995
	50m - 100m			465	925
	0 - 20m	2400	3056	560	2210
	20m - 50m			645	2125
	50m - 100m			790	1980
	0 - 20m	3600	4256	765	3380
	20m - 50m			900	3245
	50m - 100m			1110	3035
	0 - 20m	4800	5456	975	4550
	20m - 50m			1150	4375
	50m - 100m			1435	4090

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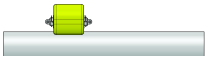
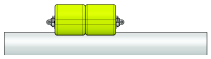
OVAL13 with metallic structure					
N. Float	Water Depth	Length (mm)	Tot. Length (mm)	Weight (kg)	N. B (kg)
	0 - 20m	1350	2006	385	1180
	20m - 50m			430	1135
	50m - 100m			510	1055
	0 - 20m	2700	3356	625	2495
	20m - 50m			725	2395
	50m - 100m			885	2235
	0 - 20m	4050	4706	870	3805
	20m - 50m			1015	3660
	50m - 100m			1255	3410
	0 - 20m	5400	6056	1110	5110
	20m - 50m			1300	4920
	50m - 100m			1625	4595