



Dato: 15.03.2024

Subsea depth rating in meter	Subsea Buoyancy Product	Density kg/m3	Fomat in mm			Nominal buoyancy / ltr **	Buoyancy Tolerance % *		Water ingress	Safety Factor ****
			Length	With	Thickness					
190	HCP 30	200	1730	850	50	0,83	±	-3,8 %	***	1,58
300	HCP 50	250	1640	850	50	0,78	±	-5,4 %	***	1,67
450	HCP 70	310	1410	700	30	0,72	±	-4,4 %	***	1,56
550	HCP 90	380	1340	660	27	0,65	±	-5,7 %	***	1,64
650	HCP 100	410	1310	640	23	0,62	±	-7,9 %	***	1,54
1000	VLD 1000	390	920	400	90	0,64	±	-1,6 %	Low	2,17
1100	SF 1100	445	920	400	150	0,58	±	-7,4 %	Low	2,52
2000	TG 24/ 2000	385	750	500	150	0,64	±	-5,3 %	Low	1,25
	VLD 2000	400	920	400	115	0,63	±	-1,6 %	Low	1,39
3000	TG 26/ 3000	416	750	500	150	0,61	±	-5,5 %	Low	1,27
	VLD 3000	425	920	400	115	0,60	±	-1,7 %	Low	1,48
	SF 3000	495	920	400	140	0,53	±	-2,3 %	Low	1,58
4000	TG 28/ 4000	449	750	500	150	0,58	±	-6,1 %	Low	1,08
	VLD 4000	448	920	400	100	0,58	±	-1,8 %	Low	1,33
5000	TG 30/ 5000	481	750	500	150	0,54	±	-6,5 %	Low	1,38
	VLD 5000	495	920	400	115	0,53	±	-1,9 %	Low	1,39
6000	TG 32/ 6000	513	750	500	150	0,51	±	-6,7 %	Low	1,33
	VLD 6000-33.4	535	920	400	115	0,49	±	-2,1 %	Low	1,38
7000	TG 34/ 7000	545	750	500	150	0,48	±	-7,4 %	Low	1,33
	VLD7000-34	545	920	400	115	0,48	±	-2,1 %	Low	1,29

* Based on assumed variation pr 1 m3

**Calculated for specifk weight for seawater : 1025 kg/m3

*** For long term submerging, contact us for subsea buoyancy material design proposal

**** Safety Factor is given by: Crush Point / Depth Rating (Service Pressure)

The table above contents initial information for most used subsea buoyancy materials.

For other needs or more information regarding material specification, please get in touch.