

SUBMARINE DOUBLE CARCASS 21 bar 7000 Series

Double Leak
Detection System

Double carcass hose developed and tested for offshore mooring applications

Type 7822S Mainline Hose With Location Collars FLEXOMARINE SAFE



Nominal Bore (mm)	Collar Outside Diameter (mm)				Weight in Air Empty (kg)			Minimum Bending Radius (m)
	D1		D2		Submerged Weight Full of Sea Water (kg)			
	Body	End	9.1m (30ft)	10.7m (35ft)	12.2m (40ft)			
150 (6")	370	471	-	-	843 211	950 221	1051 231	0.6
200 (8")	420	581	-	-	1112 294	1250 309	1381 323	0.8
250 (10")	471	697	-	-	1475 414	1655 435	1823 454	1.0
300 (12")	581	697	-	-	1908 573	2154 610	2386 645	1.2
400 (16")	697	876	-	-	2620 834	2952 887	3265 938	1.6
500 (20")	799	946	-	-	3289 1078	3716 1152	4118 1221	2.0
600 (24")	946	1050	-	-	4400 1472	4992 1583	5550 1687	2.4

- Double Carcass Hose FLEXOMARINE SAFE Mainline Standard Submarine Hose for use as the main submarine hose in the string to connect between sea bed manifold and buoy connection used on monobuoy systems
- Supplied with float location collars
- Rated Working Pressure: 21 bar
- Minimum Bending Radius: 4D (up to 2D without any permanent deformation)
- Electrical Continuity: Discontinuous or as requested
- Leak Detection: In case of failure of the primary carcass, a rod installed in each hose end, that is initially embedded will become visible after the burst of the primary carcass giving confirmation of the failure.