

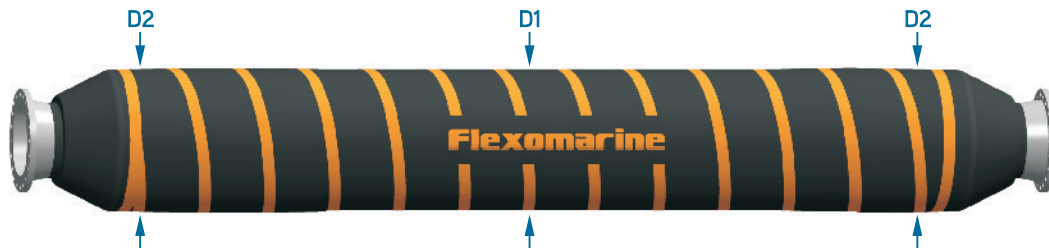
FLOATING DOUBLE CARCASS 21 bar 7000 Series

Double Leak
Detection System

Double carcass hose developed and tested for offshore mooring applications

Type 7820F Mainline Hose

FLEXOMARINE SAFE



Nominal Bore (mm)	Outside Diameter (mm)				Weight in Air Empty (kg)			Minimum Bending Radius (m)
	D1 Body	D2 End			Weight in Air Full of Sea Water (kg)			
					9.1m (30ft)	10.7m (35ft)	12.2m (40ft)	
150 (6")	415	470	-	-	842 1011	953 1152	1057 1284	0.9
200 (8")	500	560	-	-	1104 1400	1249 1597	1386 1783	1.2
250 (10")	585	660	-	-	1466 1921	1657 2191	1837 2446	1.5
300 (12")	655	730	-	-	1812 2480	2049 2834	2271 3166	1.8
400 (16")	810	835	-	-	2532 3618	2867 4144	3181 4637	2.4
500 (20")	950	985	-	-	3263 4986	3702 5728	4114 6424	3.0
600 (24")	1105	1150	-	-	4368 6875	4969 7917	5534 8895	3.6

- Double Carcass Hose FLEXOMARINE SAFE Mainline for use as the main floating hose in the string
- Rated Working Pressure: 21 bar
- Minimum Bending Radius: 6D (up to 2D without any permanent deformation)
- Minimum Reserve Buoyancy: 20% or as requested
- Electrical Continuity: Continuous or as requested
- Leak Detection: In case of failure of the primary carcass, a double leak detection system (DDEMAS - Double Detection Expansion and Mechanical Anti-Pollution System), confirms the failure of the primary carcass. Its operation combines the natural expansion of the secondary carcass with a change in the hose profile and an increase on its buoyancy, furthermore a rod installed in each hose end that is initially embedded will become visible after the burst of the primary carcass giving additional confirmation of the failure