

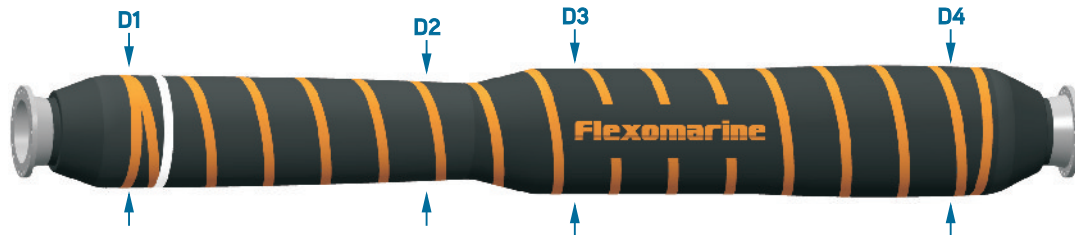
FLOATING DOUBLE CARCASS 15 bar 7000 Series

Double Leak
Detection System

Double carcass hose developed and tested for offshore mooring applications

Type 7610F First Off Buoy Hose

FLEXOMARINE SAFE



Nominal Bore (mm)	Outside Diameter (mm)				Weight in Air Empty (kg)			Minimum Bending Radius (m)
	D1 End	D2 Body	D3 Body	D4 End	Weight in Air Full of Sea Water (kg)			
					9.1m (30ft)	10.7m (35ft)	12.2m (40ft)	
150 (6")	420	325	410	465	873 1042	990 1189	1101 1328	0.9
200 (8")	490	390	500	560	1181 1477	1342 1690	1492 1889	1.2
250 (10")	550	445	580	650	1494 1948	1694 2228	1883 2491	1.5
300 (12")	630	515	650	725	1942 2610	2203 2989	2448 3344	1.8
400 (16")	725	605	825	855	2584 3670	2927 4204	3250 4705	2.4
500 (20")	840	720	965	990	3262 4985	3706 5732	4123 6433	3.0
600 (24")	985	855	1150	1190	4461 6968	5086 8033	5671 9032	3.6

- Double Carcass Hose FLEXOMARINE SAFE One End Reinforced for use in the first off the buoy position
- Identified by one circumferencial white band at the reinforced end
- The hose can be supplied with reinforcement at both ends or fully reinforced
- Rated Working Pressure: 15 bar
- Minimum Bending Radius: 6D (up to 2D without any permanent deformation)
- Minimum Reserve Buoyancy: 5% 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, futhermore a rod installed in each hose end that is inicially embedded will become visible after the burst of the primary carcass giving additional confirmation of the failure