

# FLOATING DOUBLE CARCASS 15 bar 7000 Series

Double Leak  
Detection System

Double carcass hose developed and tested for offshore mooring applications

## Type 7630F Reducer Hose

FLEXOMARINE SAFE



Nominal Bore (mm)	Outside Diameter (mm)				Weight in Air Empty (kg)			Minimum Bending Radius (m)
	D1 End	D2 Body	D3 End		Weight in Air Full of Sea Water (kg)			
					9.1m (30ft)	10.7m (35ft)	12.2m (40ft)	
200/150 (8"/6")	470	405	460	-	784 956	886 1087	980 1210	0.9
250/200 (10"/8")	565	495	555	-	1068 1367	1208 1559	1338 1738	1.2
250/150 (10"/6")	515	405	460	-	792 960	894 1091	990 1215	0.9
300/250 (12"/10")	650	575	640	-	1363 1820	1540 2077	1706 2318	1.5
300/200 (12"/8")	610	495	555	-	1079 1372	1220 1565	1352 1745	1.2
300/150 (12"/6")	545	405	460	-	800 969	903 1102	1000 1227	0.9
400/300 (16"/12")	730	640	715	-	1737 2401	1959 2740	2167 3058	1.8
400/250 (16"/10")	695	575	640	-	1377 1828	1555 2086	1723 2328	1.5
500/400 (20"/16")	830	790	815	-	2395 3476	2703 3975	2993 4443	2.4
500/300 (20"/12")	770	640	715	-	1745 2408	1969 2749	2178 3068	1.8
600/500 (24"/20")	975	935	960	-	3063 4781	3471 5491	3854 6157	3.0
600/400 (24"/16")	870	790	815	-	2407 3486	2717 3987	3008 4456	2.4

- Double Carcass Hose FLEXOMARINE SAFE Reducer Bore for use to connect large mainline hose to smaller tail hose
- Rated Working Pressure: 15 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