

FLOATING DOUBLE CARCASS 19 bar 7000 Series

Double Leak
Detection System

Double carcass hose developed and tested for offshore mooring applications

Type 7730F 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")	480	415	470	-	813 982	920 1119	1020 1247	0.9
250/200 (10"/8")	570	500	560	-	1065 1361	1206 1554	1337 1734	1.2
250/150 (10"/6")	525	415	470	-	821 990	929 1128	1031 1258	0.9
300/250 (12"/10")	670	585	660	-	1415 1869	1600 2134	1773 2381	1.5
300/200 (12"/8")	615	500	560	-	1076 1372	1218 1566	1351 1748	1.2
300/150 (12"/6")	555	415	470	-	829 998	938 1137	1041 1268	0.9
400/300 (16"/12")	745	655	730	-	1767 2435	1997 2783	2214 3109	1.8
400/250 (16"/10")	715	585	660	-	1429 1884	1616 2150	1790 2399	1.5
500/400 (20"/16")	850	810	835	-	2469 3555	2795 4072	3101 4557	2.4
500/300 (20"/12")	785	655	730	-	1775 2444	2007 2793	2225 3120	1.8
600/500 (24"/20")	1000	950	985	-	3181 4904	3609 5635	4010 6320	3.0
600/400 (24"/16")	890	810	835	-	2481 3567	2809 4086	3117 4573	2.4

- Double Carcass Hose FLEXOMARINE SAFE Reducer Bore for use to connect large mainline hose to smaller tail hose
- Rated Working Pressure: 19 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. It's 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