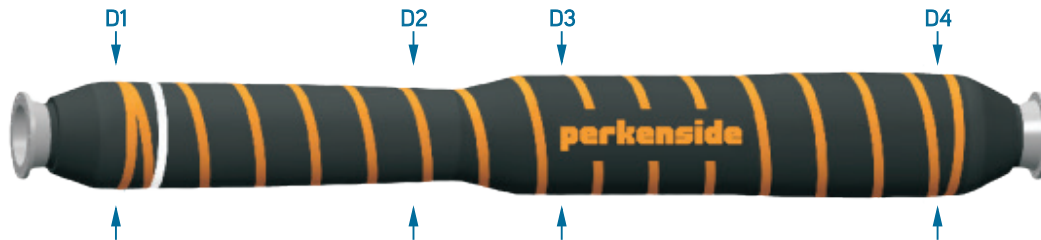


FLOATING DOUBLE CARCASS 19 bar 7000 Series**Double Leak
Detection System****Double carcass hose developed and tested for offshore mooring applications****Type 7710F First Off Buoy Hose**

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")	435	340	425	480	923 1093	1051 1250	1171 1398	0.9
200 (8")	500	400	510	570	1203 1499	1370 1718	1525 1922	1.2
250 (10")	575	465	600	670	1577 2031	1791 2325	1992 2600	1.5
300 (12")	645	530	665	740	2005 2673	2281 3066	2539 3435	1.8
400 (16")	745	630	850	875	2699 3785	3068 4345	3415 4871	2.4
500 (20")	865	740	985	1015	3428 5151	3902 5928	4346 6656	3.0
600 (24")	1005	870	1170	1210	4573 7080	5217 8164	5820 9181	3.6

- Double Carcass Hose **perkenside** SAFE One End Reinforced for use in the first off the buoy position
- Identified by one circumferential white band at the reinforced end
- The hose can be supplied with reinforcement at both ends or fully reinforced
- Rated Working Pressure: 19 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, 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