

SUBMARINE DOUBLE CARCASS 19 bar 7000 Series

Double Leak
Detection System

Double carcass hose developed and tested for offshore mooring applications

Type 7731S One Reinforced End Hose



Nominal Bore (mm)	Outside Diameter (mm)				Weight in Air Empty (kg)			Minimum Bending Radius (m)
	D1 End	D2 Body	D3 Body	D4 End	Submerged Weight Full of Sea Water (kg)			
					9.1m (30ft)	10.7m (35ft)	12.2m (40ft)	
150 (6")	435	330	300	425	821 208	931 220	1034 232	0.6
200 (8")	495	385	360	485	1073 293	1217 312	1351 329	0.8
250 (10")	570	450	420	560	1419 411	1606 436	1781 460	1.0
300 (12")	640	515	490	630	1829 573	2075 615	2305 655	1.2
400 (16")	740	615	590	730	2450 830	2778 892	3084 951	1.6
500 (20")	860	725	700	850	3132 1087	3556 1175	3953 1257	2.0
600 (24")	1000	855	830	990	4201 1491	4783 1622	5328 1744	2.4

- Double Carcass Hose **perkenside** SAFE One Reinforced End Submarine Hose for use to connect sea bed manifold or buoy connection
- Rated Working Pressure: 19 bar
- Minimum Bending Radius: 4D (up to 2D without any permanent deformation)
- Electrical Continuity: Discontinuous or as requested
- Leak Detection: In case of failure of the primary carcass, a rod installed in each hose end, that is initially embedded will become visible after the burst of the primary carcass giving confirmation of the failure.