

SUBMARINE DOUBLE CARCASS 15 bar 7000 Series

Double Leak
Detection System

Double carcass hose developed and tested for offshore mooring applications

Type 7635S Tanker Rail Hose



Nominal Bore (mm)	Outside Diameter (mm)				Weight in Air Empty (kg)			Minimum Bending Radius (m)
	D1 End	D2 Body			Submerged Weight Full of Sea Water (kg)			
					9.1m (30ft)	10.7m (35ft)	12.2m (40ft)	
150 (6")	290	410	-	-	736 208	826 218	911 226	0,6
200 (8")	355	480	-	-	1007 290	1133 304	1250 316	0.8
250 (10")	410	540	-	-	1285 393	1445 412	1594 430	1.0
300 (12")	480	620	-	-	1708 565	1922 599	2123 631	1.2
400 (16")	570	715	-	-	2266 807	2547 856	2811 901	1.6
500 (20")	685	830	-	-	2883 1028	3253 1096	3600 1160	2.0

- Double Carcass Hose **perkenside** SAFE Tanker Rail Submarine Hose for use to facilitate lifting up the string
- Identified by a double circumferencial white bands at the tanker end
- This hose is extremely flexible to support the curvature demanded during offloading
- The fittings hose are welded lifting lugs
- Each lug are tested to support Safe Working Loads as follow:
 6" = 40 kN 8" = 50 kN 10" = 70 kN
 12" = 100 kN 16" = 150 kN 20" = 200 kN
- Rated Working Pressure: 15 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.