

# SUBMARINE DOUBLE CARCASS 19 bar 7000 Series

Double Leak  
Detection System

Double carcass hose developed and tested for offshore mooring applications

## Type 7735S Tanker Rail Hose



Nominal Bore (mm)	Outside Diameter (mm)				Weight in Air Empty (kg)			Minimum Bending Radius (m)
	D1  Body	D2  End			Submerged Weight Full of Sea Water (kg)			
					9.1m  (30ft)	10.7m  (35ft)	12.2m  (40ft)	
150 (6")	300	425	-	-	765 205	862 215	952 223	0,6
200 (8")	360	485	-	-	1005 285	1132 298	1252 311	0.8
250 (10")	420	560	-	-	1340 400	1507 419	1664 437	1.0
300 (12")	490	630	-	-	1738 554	1961 588	2170 620	1.2
400 (16")	590	730	-	-	2341 797	2640 846	2921 893	1.6
500 (20")	700	850	-	-	3003 1038	3393 1106	3759 1171	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: 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.