

SUBMARINE DOUBLE CARCASS 21 bar 7000 Series

Double Leak
Detection System

Double carcass hose developed and tested for offshore mooring applications

Type 7835S 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	-	-	789 211	888 221	981 230	0,6
200 (8")	360	485	-	-	1036 293	1167 308	1290 321	0.8
250 (10")	420	560	-	-	1381 412	1553 432	1715 451	1.0
300 (12")	490	630	-	-	1791 572	2021 606	2237 639	1.2
400 (16")	590	730	-	-	2413 822	2722 873	3011 920	1.6
500 (20")	700	850	-	-	3096 1070	3498 1141	3875 1207	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: 21 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.