

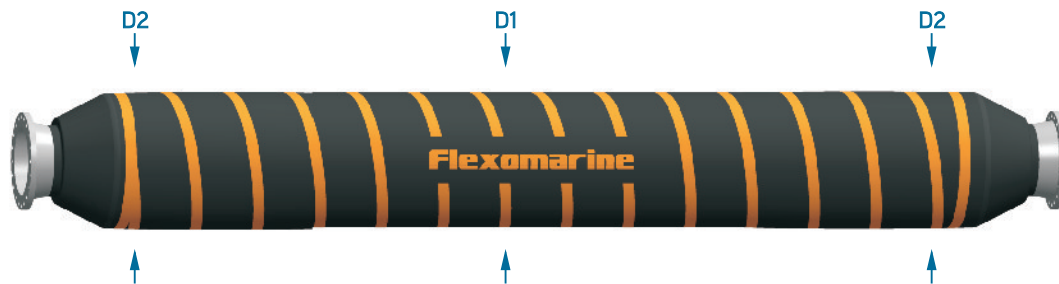
FLOATING DOUBLE CARCASS 21 bar 7000 Series

Double Leak
Detection System

Double carcass hose developed and tested for offshore mooring applications

Type 7840F Tail Hose

FLEXOMARINE SAFE



Nominal Bore (mm)	Outside Diameter (mm)				Weight in Air Empty (kg)			Minimum Bending Radius (m)
	D1 Body	D2 End			Weight in Air Full of Sea Water (kg)			
					9.1m (30ft)	10.7m (35ft)	12.2m (40ft)	
150 (6")	420	475	-	-	866 1036	982 1181	1090 1317	0.9
200 (8")	505	565	-	-	1140 1436	1293 1641	1435 1832	1.2
250 (10")	595	665	-	-	1509 1963	1708 2242	1894 2503	1.5
300 (12")	660	735	-	-	1930 2598	2189 2974	2432 3327	1.8
400 (16")	815	840	-	-	2605 3691	2954 4231	3281 4737	2.4
500 (20")	955	990	-	-	3333 5056	3786 5812	4210 6520	3.0

- Double Carcass Hose FLEXOMARINE SAFE Tail for use to connect the tanker rail hose and the floating string
- This hose has flexibility enough to support seawater conditions during offloading
- Rated Working Pressure: 21 bar
- Minimum Bending Radius: 6D (up to 2D without any permanent deformation)
- Minimum Reserve Buoyancy: 20% or as requested
- Electrical Continuity: Discontinuous 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. It's 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