

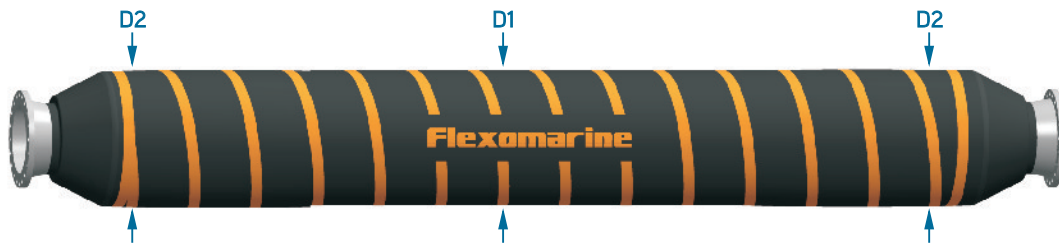
# FLOATING DOUBLE CARCASS 15 bar 7000 Series

Double Leak  
Detection System

Double carcass hose developed and tested for offshore mooring applications

## Type 7640F 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")	410	465	-	-	812 981	918 1117	1017 1244	0.9
200 (8")	500	560	-	-	1110 1406	1256 1604	1394 1791	1.2
250 (10")	580	650	-	-	1411 1865	1596 2130	1770 2378	1.5
300 (12")	650	725	-	-	1844 2512	2087 2872	2315 3210	1.8
400 (16")	795	820	-	-	2454 3540	2775 4051	3075 4531	2.4
500 (20")	940	965	-	-	3117 4840	3536 5562	3929 6239	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: 15 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