

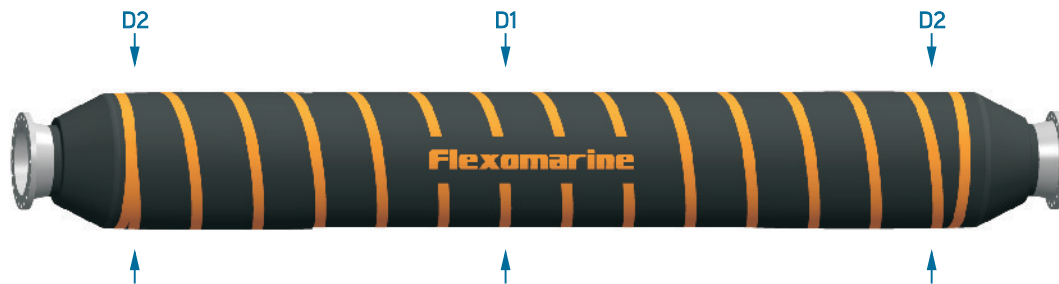
# FLOATING DOUBLE CARCASS 19 bar 7000 Series

Double Leak  
Detection System

Double carcass hose developed and tested for offshore mooring applications

## Type 7740F 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	-	-	840 1010	953 1152	1058 1285	0.9
200 (8")	505	565	-	-	1106 1402	1254 1602	1392 1789	1.2
250 (10")	595	665	-	-	1463 1918	1656 2190	1837 2446	1.5
300 (12")	660	735	-	-	1872 2540	2123 2909	2359 3254	1.8
400 (16")	815	840	-	-	2527 3613	2865 4142	3183 4639	2.4
500 (20")	955	990	-	-	3233 4956	3672 5698	4084 6394	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: 19 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