

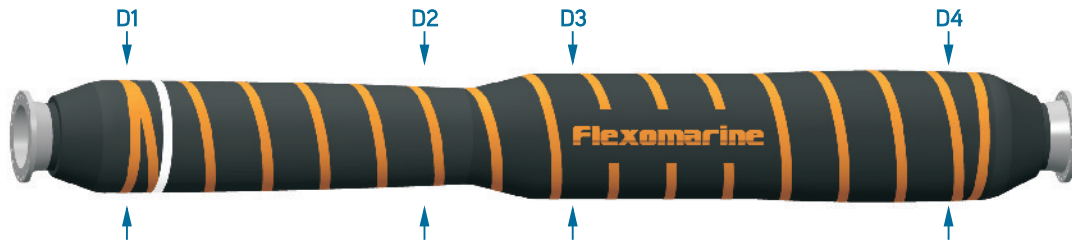
## FLOATING DOUBLE CARCASS 21 bar 7000 Series

Double Leak  
Detection System

Double carcass hose developed and tested for offshore mooring applications

### Type 7810F First Off Buoy Hose

FLEXOMARINE SAFE



Nominal Bore (mm)	Outside Diameter (mm)				Weight in Air Empty (kg)			Minimum Bending Radius (m)
	D1 End	D2 Body	D3 Body	D4 End	Weight in Air Full of Sea Water (kg)			
					9.1m (30ft)	10.7m (35ft)	12.2m (40ft)	
150 (6")	435	340	425	480	952 1121	1084 1283	1208 1434	0.9
200 (8")	500	400	510	570	1241 1537	1412 1760	1573 1969	1.2
250 (10")	575	465	600	670	1626 2080	1846 2380	2053 2662	1.5
300 (12")	645	530	665	740	2067 2735	2351 3137	2618 3514	1.8
400 (16")	745	630	850	875	2783 3868	3163 4440	3520 4976	2.4
500 (20")	865	740	985	1015	3534 5258	4023 6049	4480 6791	3.0
600 (24")	1005	870	1170	1210	4714 7221	5378 8326	6000 9361	3.6

- Double Carcass Hose FLEXOMARINE SAFE One End Reinforced for use in the first off the buoy position
- Identified by one circumferential white band at the reinforced end
- The hose can be supplied with reinforcement at both ends or fully reinforced
- Rated Working Pressure: 21 bar
- Minimum Bending Radius: 6D (up to 2D without any permanent deformation)
- Minimum Reserve Buoyancy: 5% or as requested
- Electrical Continuity: Continuous 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. Its 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