

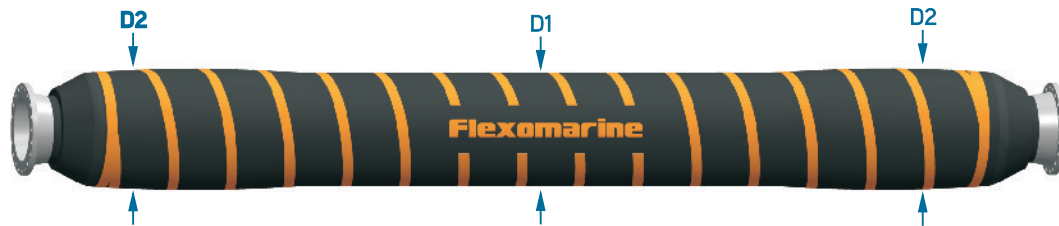
FLOATING DOUBLE CARCASS 15 bar 7000 Series

Double Leak
Detection System

Double carcass hose developed and tested for offshore mooring applications

Type 7670BC Buoyancy Control 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")	350	405	-	-	762 931	858 1057	949 1176	0.9
200 (8")	445	505	-	-	1044 1340	1179 1527	1305 1702	1.2
250 (10")	495	560	-	-	1325 1779	1495 2029	1653 2262	1.5
300 (12")	565	640	-	-	1680 2349	1893 2678	2092 2988	1.8
400 (16")	685	765	-	-	2310 3396	2603 3880	2878 4334	2.4
500 (20")	795	875	-	-	2945 4669	3331 5358	3693 6003	3.0
600 (24")	960	1020	-	-	4073 6581	4627 7575	5146 8508	3.6

- Double Carcass Hose FLEXOMARINE SAFE Buoyancy Control for use as the second and third hose in the string
- Rated Working Pressure: 15 bar
- Minimum Bending Radius: 6D (up to 2D without any permanent deformation)
- Minimum Reserve Buoyancy: Neutral 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