

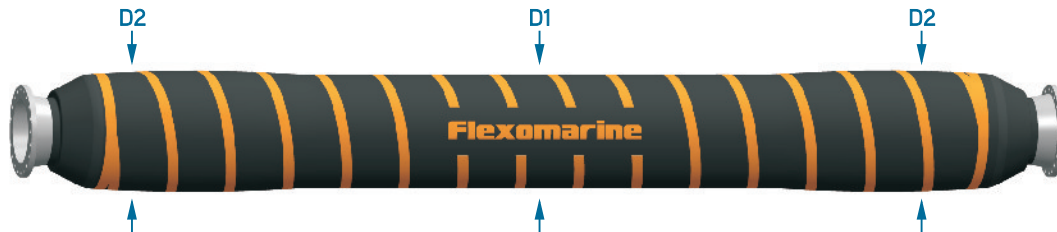
## FLOATING DOUBLE CARCASS 19 bar 7000 Series

Double Leak  
Detection System

Double carcass hose developed and tested for offshore mooring applications

### Type 7770BC Buoyancy Control Hose

FLEXOMARINE SAFE



Nominal Bore (mm)	Outside Diameter (mm)				Weight in Air Empty (kg)			Minimum Bending Radius (m)
	D1 Body	D2 End			9.1m (30ft)	10.7m (35ft)	12.2m (40ft)	
150 (6")	360	415	-	-	790 960	893 1092	991 1218	0.9
200 (8")	450	510	-	-	1042 1338	1178 1526	1305 1702	1.2
250 (10")	505	580	-	-	1378 1833	1556 2090	1722 2331	1.5
300 (12")	575	650	-	-	1711 2379	1932 2718	2139 3035	1.8
400 (16")	700	780	-	-	2385 3471	2696 3973	2988 4444	2.4
500 (20")	810	900	-	-	3064 4787	3470 5497	3851 6161	3.0
600 (24")	970	1040	-	-	4132 6640	4696 7644	5224 8585	3.6

- Double Carcass Hose FLEXOMARINE SAFE Buoyancy Control for use as the second and third hose in the string
- Rated Working Pressure: 19 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