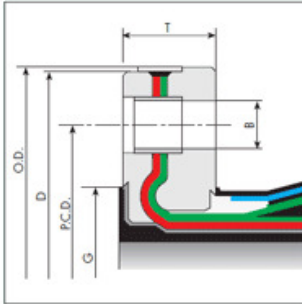


TECHNICAL INFORMATION OF THE FLOATING DOUBLE CARCASS HOSES:

Fittings

Fittings are built-in with carbon steel weld neck flanges, drilled ANSI B. 16.5 - Class 150.



NOMINAL DIAMETER	D	DRILLING			G	T	O.D.
		number	B	P.C.D.			
150	279.4	8	22.2	241.3	200	40	295
200	342.9	8	22.2	298.4	250	40	358
250	406.4	12	25.4	361.9	300	50	421
300	482.6	12	25.4	431.8	355	50	498
400	596.9	16	28.6	539.7	460	70	614
500	698.5	20	31.7	635.0	565	80	716
600	812.8	20	34.9	749.3	675	95	830
750	984.2	28	34.9	914.4	830	120	1000

Pressure rating
225 psi ; 15 bar

Test Pressure (min)
225 psi ; 15 bar

Wall thickness
151mm

Hose Bore
See table

Working Pressure
225 psi (15 bar), 285 psi (19 bar) or 315 psi (21 bar)

Burst Pressure (min)
1125 psi 77 bar

Minimum Bend radius
6 times nominal Hose bore

Lining

Synthetic oil resistant rubber with high strength breaker plies impregnated and coated with high grade synthetic rubber to achieve maximum adhesion of the lining to the hose carcass.

Reinforcement

Multiple lies of high tensile reinforcing materials, with outstanding resistance to fatigue, applied at precise angles to achieve maximum strength and flexibility with minimum elongation. Fully embedded steel wire coils are incorporated to achieve kink, crush and local load resistance.

Cover

Synthetic rubber, resistant to abrasion, weathering, sea water and oil. The cover, which incorporates reinforcing breaker plies is black with a bright orange spiral stripe or coated in tough bright orange polyurethane.

Closed cell expanded foam giving a minimum reserve buoyancy of minimum 20% over the entire hose length.

Hose Bore (in/mm)	Approx. Dimensions (mm)		Weight in air empty (kg)		
	A	B	30'/9.1 m.	35'/10.7 m.	40'/12.2 m.
6 in / 150 mm	430-485	360-420	600-860	670-985	745-1110
8 in / 200 mm	495-575	415-505	750-1110	850-1270	945-1435
10 in / 250 mm	605-630	520-565	1040-1390	1185-1590	1320-1795
12 in / 300 mm	660-730	580-660	1330-1775	1490-2030	1645-2285
16 in / 400 mm	790-850	700-780	1900- 2235	2110-2555	2325-2870
20 in / 500 mm	940-1040	850-970	2540-3200	2885-3625	3230-4045
24 in / 600 mm	1120-1205	1030-1115	3475-4400	3925-5005	4375-5605



Transport loads.

Hoses can be transported via road on truck trailers or via sea transport in Open Top Containers 40 feet containers. (OT 40').

As an indication of the loading volume please find below a guide to the loading capacity of each hose type into one 40' OT container:

- 6" (150 mm) hoses 25-30 numbers
- 8" (200 mm) hoses 20-25 numbers
- 10"(250 mm) hoses 15-20 numbers
- 12"(300 mm) hoses 9-10 numbers
- 16" (400 mm) hoses 7- 8 numbers
- 20" (500 mm) hoses 5- 6 numbers
- 24" (600 mm) hoses 4 numbers

For more information please fill in the contact form, [click here](#).

TECHNICAL INFORMATION ON SUBMARINE DOUBLE CARCASS HOSES :

Fittings

Fittings are built-in with carbon steel weld neck flanges, drilled ANSI B – Class 150.

Pressure rating
225 psi 15 bar

Test Pressure (min)
225 psi 15 bar

Working Pressure
225 psi (15 bar), 285 psi (19 bar) en 315 psi (21 bar).

Burst Pressure (min)
1125 psi 77 bar

Minimum Bend radius
4 times nominal Hose bore

Lining

Synthetic oil resistant rubber with high strength breaker plies impregnated and coated with high grades synthetic rubber to achieve maximum adhesion of the lining to the hose carcass.

Reinforcement

Multiple lies of high tensile reinforcing materials, with outstanding resistance to fatigue, applied at precise angles to achieve maximum strength and flexibility with minimum elongation.

Fully embedded steel wire coils are incorporated to achieve kink, crush and local load resistance.

Cover

Synthetic rubber, resistant to abrasion, weathering, sea water and oil. The cover, which incorporates reinforcing breaker plies is black with a white longitudinal alignment stripe.

The hose design meets or exceeds the Oil Companies International Marine Forum Hose Guide (OCIMF).

Hose Bore (in / mm)	Approx. Dimensions (mm)		Weight in air empty (kg)		
	A	B	30'/9.1 m	35'/10.7 m	40'/12.2m
6 / 150	330-360	240-265	470-590	520-670	650-750
8 / 200	380-415	300-320	660-760	740-870	650-975
10 / 250	440-490	355-375	930-1020	1030-1160	765-1300
12 / 300	500-530	420-435	1280-1390	1430-1575	1580-1765
16 / 400	590-645	500-520	1765-1955	2000-3153	2235-2350
20 / 500	700-780	630-790	2415-2580	2720-2900	2850-3200
24 / 600	840-860	740-750	3100-3680	3560-4155	4020-4630



Rubber Hoses and other rubber products on dredgers.

These are the suction hoses, discharge hoses and compensator hoses and rubber products such as bottom door seals and bottom valve seals hatches.