



SANDHYA ENTERPRISES

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Email:sandhyaprises@gmail.com
On-Shore Oil Suction & Discharge Rubber Hose**

As Per IS: 8189:1983



Application: For dock and offshore operation of petroleum products containing not more than 25% aromatic hydrocarbon content.

Construction-Lining:

- Lining** : Smooth lining of suitable rubber compounds; uniform in thickness; free from air blisters & porosity; resistant to all grade of petroleum & blended products having an aromatic hydro-carbon content not more than 25%.
- Reinforcement** : Plies of rubber impregnated woven textile with helically embedded G.I.wire.
- Cover** : Corrugated or cloth marked finish, suitable rubber compound having resistance to oil, abrasion & weather.

Electrical Bonding : A strand of copper wire is embedded between the reinforcement plies to provide electrical continuity throughout the hose.

End Connections: The hose has built in nipples flanges or without flanges as per customer's specification.

Nom. Bore in (mm)	Tolerance on Nom. bore (mm)	Projection to Nipple (min)	W.P. 7Kg/cm ²		B.P. 28Kg/cm ²		W.P. 10Kg/cm ²		B.P. 40Kg/cm ²		W.P. 15Kg/cm ²		B.P. 60Kg/cm ²	
			Rough Bore Mass Bend Kg/m	Smooth Bore Radius M	Smooth Bore Mass Bend Kg/m	Radius M	Rough Bore Mass Bend Kg/m	Smooth Bore Radius M	Smooth Bore Mass Bend Kg/m	Radius M	Rough Bore Mass Bend Kg/m	Smooth Bore Radius M	Rough Bore Mass Bend Kg/m	Smooth Bore Radius M
63	± 2.0	115	8.5	0.75	6.5	0.65	10.5	0.85	8.5	0.70	**	**	**	**
75	± 2.0	130	10.0	0.85	7.5	0.70	12.0	1.00	10.0	0.85	**	**	**	**
100	± 2.0	150	15.0	1.10	11.0	1.0	18.0	1.25	14.0	1.00	**	**	**	**
150	+ 2.0	150	30.0	1.60	22.5	1.40	36.0	1.85	24.0	1.60	48.0	2.15	3.15	2.00
200	± 3.0	165	45.0	2.15	28.5	1.85	51.0	2.50	36.0	2.15	63.0	3.10	4.35	2.80
250	± 3.0	180	**	**	**	**	66.0	3.10	49.5	2.70	78.0	3.70	66.0	3.40
300	± 3.0	180	**	**	**	**	81.0	3.70	66.0	3.30	93.0	4.00	80.0	4.00

W.P. : Working Pressure, P.P. : Proof Pressure, B.P. : Burst Pressure, 1MPa : 10.2Kg/Cm² 1Kg/Cm² : 100KN/m²
 Length : Mandrel made hose upto 15 mtr..