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SIGMAFLEX HOSES

Metallic Hose : BS : 6501

Pressure : See Chart given below - Table

TECHNICAL DATA								
NOMINAL BORE	MINIMUM BEND RADIUS		WITHOUT BRAID		SINGLE BRAID		DOUBLE BRAID	
N.B.	STATIC	FLEXING	Max. Working Pressure	Test Pressure	Max. Working Pressure	Test Pressure	Max. Working Pressure	Test Pressure
mm	mm	mm	Kg/cm2	Kg/cm2	Kg/cm2	Kg/cm2	Kg/cm2	Kg/cm2
6	25	100	4	6	100	150	160	240
10	40	150	4	6	90	135	144	216
12	50	200	3	4.5	80	120	128	192
16	50	200	3	4.5	70	105	112	168
20	70	200	2	3	64	96	102	153
25	90	200	2	3	50	75	80	120
32	110	250	1.5	2.3	40	60	64	96
40	130	250	1.5	2.3	30	45	48	92
50	175	350	1.0	1.5	28	42	44	66
65	200	410	1.0	1.5	24	36	38	57
80	205	450	1.0	1.5	18	27	28	42
100	230	560	0.8	1.2	16	24	26	39
125	280	660	0.6	0.9	12	18	20	30
150	320	815	0.6	0.9	10	15	16	24
200	435	1015	0.5	0.75	8	12	12	18

250	&	ABOVE	UPON	REQUEST
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Construction : By forming and butt - welding metal strip into thin-walled rigid tubing and impressing into this tubing a corrugated profile. Thickness of the metal strip, height of the corrugations and the number of corrugation per foot of hose, all affect the performance characteristics of the hose.

Annular corrugated close pitch hose is for high degree of flexibility and working pressure.

Application : Suitable for wide range of chemicals, petroleum products, super heated steam, fuel and oil lines, coolant, liquefied gas (Cryogenic), Vacuum etc.

Advantage : Suitable for high degree of flexibility, vibration eliminator, resistance to penetration and damage, fire & moisture resistance, economical installation and longer life.

Consumers : Power Plants, Oil Industries, Paper Plants, Chemical and fertilizers, Pharmaceuticals, Refineries, Steel Industries, Aerospace, Shipping and Textiles.

JACKETED FLEXIBLE METAL HOSE
(Stainless Steel corrugated)



Jacketed Hoses used for Heat transfer, from core Hose to Jacket or vice versa.

The large surface area of the corrugated hose results in a higher heat transfer efficiency

Please contact us for any requirement of Bellows & Hoses.

Contact Person: Ms. Rekha Cell: 099988 17544
Or Mr. Rajendra K. Cell: 09227100455