

BRAIDED HOSES

Description

The body is made from stainless steel, such as SS304, SS 316, SS 316L and SS321. Our standard range of hoses are tested at 21 °C.

Principal Application

For transfer of highly corrosive and aggressive chemicals at high temperature and fast velocity. Also used as vibration eliminator



Safety Factor (Burst)

4.1

Temperature

-250 °C -to 450 °C

TABLE OF SPECIFICATIONS

Nominal Bore (Inch)	Bending Radius Static (mm)	Bending Radius Dynamic (mm)	Weight Per metre (kg/m) Single/Double Braid	Working Pressure		Test Pressure	
				Single Braid (psi/bar)	Double Braids (psi/bar)	Single Braid (psi/bar)	Double Braid (psi/bar)
5/16in	25mm	100mm	0.17 / 0.26	1450 / 100	2320 / 160	2175 / 150	3480 / 240
3/8in	40mm	150mm	0.22 / 0.34	1305 / 90	2088 / 144	1958 / 135	3132 / 216
1/2in	50mm	200mm	0.25 / 0.38	1160 / 80	1856 / 128	1740 / 120	2784 / 195
3/4in	70mm	200mm	0.50 / 0.78	928 / 64	1479 / 102	1392 / 96	2219 / 153
1in	90mm	200mm	0.65 / 0.95	675 / 50	1160 / 80	113 / 75	1740 / 120
1 - 1/4in	110mm	250mm	0.85 / 1.30	580 / 40	928 / 64	870 / 60	1392 / 96
1 - 1/2in	130mm	300mm	1.18 / 1.70	435 / 30	696 / 48	653 / 45	1044 / 72
2in	175mm	350mm	1.65 / 2.40	406 / 28	638 / 44	609 / 42	957 / 66
2 - 1/2in	200mm	410mm	2.0 / 3.0	348 / 24	551 / 38	522 / 36	827 / 57
3in	205mm	450mm	2.2 / 3.3	261 / 18	406 / 28	392 / 27	609 / 42
4in	230mm	560mm	3.1 / 4.7	232 / 16	377 / 26	348 / 24	567 / 39
6in	280mm	660mm	5.8 / 8.3	174 / 12	290 / 20	261 / 18	435 / 30
8in	320mm	815mm	9.2 / 13.8	145 / 10	232 / 16	218 / 15	348 / 24
10in	435mm	1015mm	14.0 / 21.0	116 / 8	174 / 12	174 / 12	261 / 18