

Visiflon Stainless steel braid (SS) grade hoses



Visiflon

Features and benefits

- Very flexible and kink resistant
- Temperature resistant
- Chemical resistant



Visiflon Stainless steel braid (SS) grade hoses performance

Nominal hose size		*Actual hose bore size		Hose grade	Outside diameter of tube or braid		Minimum bend radius		Maximum working pressure (MWP)		Weight per unit length		Hose part number
in	mm	in	mm		in	mm	in	mm	bar	psi	kg/mtr	lbs/ft	
1/8	10.0	1/8	6.3	SS	0.470	11.95	1/4	19	60	870	0.144	0.096	71-100-06-01-02
1/2	12.0	1/8	9.5	SS	0.600	15.25	1	25	47	680	0.195	0.130	71-100-08-01-02
1/8	16.0	1/2	12.7	SS	0.835	21.20	1 1/2	38	40	580	0.296	0.194	71-100-10-01-02
1/8	20.0	3/8	16.0	SS	0.894	22.70	2	50	32	460	0.376	0.251	71-100-12-01-02
1	25.0	1/8	22.0	SS	1.204	30.60	2 1/2	63	26	380	0.533	0.310	71-100-16-01-02
1 1/4	32.0	1 1/8	28.0	SS	1.420	36.00	3	75	25	360	0.729	0.489	71-100-20-01-02
1 1/2	40.0	1 3/8	35.0	SS	1.850	47.00	4 1/2	115	20	300	1.044	0.699	71-100-24-01-02
2	50.0	1 7/8	47.0	SS	2.400	61.00	5	130	15	220	1.378	0.923	71-100-32-01-02

*Visiflon Hose assemblies require that the convolutions at the ends of the hose are opened out to accept either Hydraulic or PTFE Tail end fittings.

Technical specifications

	Visiflon Stainless steel braid (SS) grade hoses
Nominal bore size	0.375 - 1.25 in (10 - 32 mm)
Actual bore size	0.25 - 1.125 in (6.3 - 28 mm)
Length	50 - 70 ft (15 - 20 m)
Outside diameter	0.47 - 1.42 in (11.95 - 36 mm)
Max. operating pressure	870 psi (60 bar)
Certification and compliance	3.1 Traceability, FDA (materials), TS 16949:2016
Operating temperature	-100 °F to 450 °F (-73 °C to 230 °C)
Bend radius	0.75 - 3 in (19 - 75 mm)
Weight per unit length	0.096 - 0.489 lb/ft (0.144 - 0.729 kg/m)
Cover	None
End fitting	BSP and NPT threaded fittings, Flat Seat Lug Nut Female Unions, JIC fittings, NPT and BSPT fittings, Standpipe Fittings, Tube Fittings
Vacuum resistance	Vacuum resistant to -0.9bar up to 130C (266F)

Materials of construction

	Visiflon Stainless steel braid (SS) grade hoses
Liner tube	Antistatic PTFE, Natural PTFE
Braid	Stainless steel

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