

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
1/4	12.0	1/4	9.5	SS	0.600	15.25	1	25	47	680	0.195	0.130	71-100-08-01-02
3/8	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
1/2	20.0	3/4	16.0	SS	0.894	22.70	2	50	32	460	0.376	0.251	71-100-12-01-02
1	25.0	1	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 1/4	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 3/4	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	10 - 32 mm (0.375 - 1.25 in)
Actual bore size	6.3 - 28 mm (0.25 - 1.125 in)
Length	15 - 20 m (50 - 70 Ft)
Outside diameter	11.95 - 36 mm (0.47 - 1.42 in)
Max. operating pressure	60 bar (870 psi)
Certification and compliance	3.1 Traceability, FDA (materials), TS 16949:2016
Operating temperature	-73 °C to 230 °C (-100 °F to 450 °F)
Bend radius	19 - 75 mm (0.75 - 3 in)
Weight per unit length	0.144 - 0.729 kg/m (0.096 - 0.489 lb/ft)
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 -0.9 bar up to 130 °C (266 °F)

Materials of construction

	Visiflon Stainless steel braid (SS) grade hoses
Liner tube	Anti-static PTFE, Natural PTFE
Braid	Stainless steel

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