

Visiflon Tube only (TO) grade hoses



Visiflon

Features and benefits

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

Visiflon Tube only (TO) 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	TO	0.420	10.70	1	25	4	58	0.057	0.038	71-100-06
1/2	12.0	1/8	9.5	TO	0.555	14.10	1 1/2	38	4	58	0.076	0.051	71-100-08
1/8	16.0	1/2	12.7	TO	0.780	19.80	2	50	4	58	0.126	0.084	71-100-10
1/8	20.0	1/8	16.0	TO	0.835	21.20	3	75	3	43	0.166	0.111	71-100-12
1	25.0	1/8	22.0	TO	1.143	29.00	3 1/2	89	3	43	0.235	0.157	71-100-16
1 1/4	32.0	1 1/8	28.0	TO	1.349	34.20	4	100	2	29	0.342	0.229	71-100-20
1 1/2	40.0	1 1/8	35.0	TO	1.773	45.00	6	150	2	29	0.415	0.278	71-100-24
2	50.0	1 1/2	47.0	TO	2.325	59.00	8	200	2	29	0.631	0.423	71-100-32

*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 Tube only (TO) 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	0.42 - 1.349 in (10.7 - 34.2 mm)
Max. operating pressure	58 psi (4 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	1 - 4 in (25 - 100 mm)
Weight per unit length	0.0338 - 0.229 lb/ft (0.057 - 0.342 kg/m)
Braid	None
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 80C (176F)

Materials of construction

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Liner tube	Antistatic PTFE, Natural PTFE

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