Visiflon Polypropylene braid (PB) grade hoses

Visiflon

Features and benefits

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

Visiflon Polypropylene braid (PB) 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	
3/8	10.0	1/4	6.3	PB	0.512	13.00	1	25	30	435	0.091	0.061	71-100-06-01-21
1/2	12.0	3/8	9.5	PB	0.662	16.80	1 1/2	38	23.5	340	0.125	0.084	71-100-08-01-21
5/8	16.0	1/2	12.7	PB	0.906	23.00	2	50	20	290	0.188	0.126	71-100-10-01-21
3/4	20.0	5/8	16.0	PB	0.973	24.70	2 1/2	63	16	230	0.226	0.151	71-100-12-01-21
1	25.0	7/8	22.0	PB	1.300	32.90	3	75	13	190	0.314	0.210	71-100-16-01-21
1 1/4	32.0	1 1/8	28.0	PB	1.537	39.00	3 1/2	89	12.5	180	0.444	0.298	71-100-20-01-21
1 1/2	40.0	1 3/8	35.0	PB	1.970	50.00	5	130	10	150	0.600	0.402	71-100-24-01-21
2	50.0	1 7/8	47.0	PB	2.521	64.00	6	150	7.5	110	0.917	0.614	71-100-32-01-21

*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 Polypropylene braid (PB) 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	0.512 - 1.537 in (13 - 39 mm)
Max. operating pressure	435 psi (30 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 - 3.5 in (25 - 89 mm)
Weight per unit length	0.061 - 0.298 lb/ft (0.091 - 0.444 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 80C (176F)

Materials of construction

	Visiflon Polypropylene braid (PB) grade hoses
Liner tube	Antistatic PTFE, Natural PTFE
Braid	Polypropylene