

Hyperline FX Tube only (TO) grade hoses



Hyperline FX

Features and benefits

- Patented liner provides unequalled flexibility and kink resistance
- Excellent chemical resistance
- Smooth bore for fast flow and easy clean
- Resistant to diffusion of liquids and gases

Hyperline FX Tube only (TO) grade hoses performance

Hose Bore Size		Actual Hose Bore Size		Hose	Outside Diameter of Tube or Braid		Minimum Bend Radius		Maximum Working Pressure (MWP)		Burst Pressure		Weight per Unit Length		*Part Number
in	dash size	in	mm		in	mm	in	mm	Bar	Psi	Bar	Psi	Kg/mtr	Lbs/Ft	*
1/4	4	0.252 - 0.278	6.39 - 7.06	TO	0.326 - 0.368	8.28 - 9.35	1 1/2	38	6	87	18	261	0.041	0.027	92-100-04
5/16	5	0.308 - 0.333	7.84 - 8.46	TO	0.382 - 0.424	9.72 - 10.77	1 1/2	38	6	87	18	261	0.056	0.037	92-100-05
3/8	6	0.381 - 0.407	9.69 - 10.34	TO	0.475 - 0.511	12.06 - 12.98	2	50	6	87	18	261	0.070	0.047	92-100-06
1/2	8	0.525 - 0.550	13.33 - 13.97	TO	0.620 - 0.668	15.77 - 16.97	3	76	6	87	18	261	0.110	0.074	92-100-08
5/8	10	0.639 - 0.665	16.25 - 16.89	TO	0.770 - 0.811	19.55 - 20.60	4	100	6	87	18	261	0.161	0.108	92-100-10
3/4	12	0.765 - 0.795	19.42 - 20.20	TO	0.895 - 0.941	22.73 - 23.90	5	126	6	87	18	261	0.179	0.120	92-100-12
1	16	1.005 - 1.035	25.77 - 26.55	TO	1.165 - 1.215	29.58 - 30.86	6	150	6	87	18	261	0.268	0.180	92-100-16

*For anti-static grade, add 10 to the 3-digit part number e.g. 92-100- becomes 92-110.

The performance testing results stated in the above table have been carried out at ambient temperature, in a controlled laboratory environment, using water as the media. We recommend that the customer carries out stringent application performance testing on the hose, using the actual working conditions over a set period of time to validate the hose.

Technical specifications

	Hyperline FX Tube only (TO) grade hoses
Nominal bore size	6 - 25 mm (0.25 - 1 in)
Actual bore size	6.8 - 26 mm (0.27 - 1.023 in)
Length	18 m (60 Ft)
Outside diameter	9 - 30.3 mm (0.354 - 1.193 in)
Max. operating pressure	4 bar (60 psi)
Burst pressure	6 - 12 bar (87 - 180 psi)
Certification and compliance	3.1 Traceability, EN16643:2016, FDA (materials), SAE J1737, TS 16949:2016
Operating temperature	-73 °C to 260 °C (-100 °F to 500 °F)
Bend radius	38 - 150 mm (1.5 - 6 in)
Weight per unit length	0.041 - 0.268 kg/m (0.027 - 0.18 lb/ft)
Braid type	None
Cover	None
End fitting	BSP and NPT threaded fittings, CAM and groove fittings, DIN 11851 fittings, ENCAP end fittings, JIC fittings, PTFE dip pipe fittings, Sanitary triclamp fittings, Swivel flange fittings

Materials of construction

	Hyperline FX Tube only (TO) grade hoses
Liner tube	Anti-static PTFE, Natural PTFE

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