

Hyperline FX Stainless steel braid (SS) 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 Stainless steel braid (SS) 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	0.250 - 0.280	6.34 - 7.12	SS	0.355 - 0.395	9.02 - 10.04	3/4	19	110	1595	330	4786	0.092	0.062	92-100-04-01-02
5/16	5	0.302 - 0.328	7.66 - 8.33	SS	0.424 - 0.458	10.77 - 11.63	3/4	19	105	1522	315	4569	0.126	0.084	92-100-05-01-02
3/8	6	0.376 - 0.406	9.54 - 10.32	SS	0.502 - 0.542	12.75 - 13.64	1	25	100	1450	300	4351	0.160	0.151	92-100-06-01-02
1/2	8	0.515 - 0.545	13.07 - 13.85	SS	0.655 - 0.695	16.64 - 17.66	1 1/2	38	75	1087	225	3263	0.225	0.151	92-100-08-01-02
5/8	10	0.635 - 0.665	16.12 - 16.89	SS	0.810 - 0.850	20.57 - 21.59	2	50	62	899	186	2698	0.336	0.226	92-100-10-01-02
3/4	12	0.760 - 0.790	19.30 - 20.07	SS	0.950 - 0.990	24.13 - 25.15	2 1/2	63	52	754	156	2263	0.383	0.257	92-100-12-01-02
1	16	1.005 - 1.035	25.52 - 26.29	SS	1.227 - 1.269	31.15 - 32.23	3	75	50	725	150	2176	0.540	0.362	92-100-16-01-02

*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 Stainless steel braid (SS) grade hoses
Nominal bore size	0.25 - 1 in (6 - 25 mm)
Actual bore size	0.27 - 1.023 in (6.8 - 26 mm)
Length	60 ft (18 m)
Outside diameter	0.378 - 1.25 in (9.6 - 31.7 mm)
Max. operating pressure	1280 psi (88 bar)
Burst pressure	1740 - 3,840 psi (120 - 264 bar)
Certification and compliance	3.1 Traceability, EN16643:2016, FDA (materials), SAE J1737, TS 16949:2016
Operating temperature	-100 °F to 500 °F (-73 °C to 260 °C)
Bend radius	0.75 - 3 in (19 - 75 mm)
Weight per unit length	0.062 - 0.362 lb/ft (0.092 - 0.54 kg/m)
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
Vacuum resistance	Vacuum resistant to -0.9bar up to 150C (302F)

Materials of construction

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

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