

Hyperline FX Aramid fibre braid (AM) 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 Aramid fibre braid (AM) 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	6.35 - 7.12	AM	0.360 - 0.400	9.14 - 10.16	1 1/2	38	77	1116	231	3350	0.056	0.038	92-100-04-01-55-01
5/16	5	0.290 - 0.320	7.36 - 8.13	AM	0.440 - 0.480	11.17 - 12.19	1 1/2	38	74	1073	222	3220	0.075	0.050	92-100-05-01-55-01
3/8	6	0.376 - 0.406	9.55 - 10.32	AM	0.515 - 0.555	13.08 - 14.10	2	50	70	1015	210	3046	0.100	0.094	92-100-06-01-55-01
1/2	8	0.515 - 0.545	13.08 - 13.85	AM	0.655 - 0.695	16.64 - 17.66	3	76	52	754	156	2263	0.140	0.094	92-100-08-01-55-01
5/8	10	0.635 - 0.665	16.13 - 16.89	AM	0.815 - 0.855	20.70 - 21.72	4	100	44	638	132	1915	0.204	0.137	92-100-10-01-55-01
3/4	12	0.760 - 0.790	19.30 - 20.07	AM	0.946 - 0.986	24.03 - 25.05	5	126	36	522	108	1566	0.236	0.158	92-100-12-01-55-01
1	16	1.005 - 1.035	25.52 - 26.29	AM	1.233 - 1.273	31.32 - 32.34	6	150	35	507	105	1523	0.354	0.237	92-100-16-01-55-01

*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 Aramid fibre braid (AM) 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	9.6 - 31.7 mm (0.378 - 1.25 in)
Max. operating pressure	62 bar (900 psi)
Burst pressure	84 - 186 bar (1200 - 2,700 psi)
Certification and compliance	3.1 Traceability, EN16643:2016, FDA (materials), SAE J1737, TS 16949:2016
Operating temperature	-40 °C to 180 °C (-40 °F to 356 °F)
Bend radius	38 - 150 mm (1.5 - 6 in)
Weight per unit length	0.056 - 0.354 kg/m (0.038 - 0.237 lb/ft)
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 Aramid fibre braid (AM) grade hoses
Liner tube	Anti-static PTFE, Natural PTFE
Braid	Aramid fibre

Disclaimer: The information contained in this document is believed to be correct but Aflex Hose Limited accepts no liability for any errors it contains and reserves the right to alter specifications without notice. It is the user's responsibility to ensure product suitability for use within their application. Bioflex, Corroflon, Corroline, Hyperline FX, Pharmaline are registered trademarks of Aflex Hose Limited. A member of Watson-Marlow Fluid Technology Solutions, A Spirax-Sarco Engineering plc company.



wmfts.com/global
11 December 2025