

Features and benefits

- Increased product service life for reduced replacement, downtime and labour costs
- Reduced CIP downtime with cost savings on chemicals and utilities
- Superior flow rates for shorter load/unload times and lower processing cost
- Increased CIP chemical compatibility reduces cycle times and the risk of recall and product spoiling



Technical specifications

	FaBLINE SI
Nominal bore size	0.25 - 3 in (6 - 80 mm)
Actual bore size	6.6 - 76.8 mm (0.26 - 3.024 in)
Length	50 - 100 ft (15 - 30 m)
Outside diameter	0.46 - 3.654 in (11.6 - 92.8 mm)
Max. operating pressure	580 psi (40 bar)
Burst pressure	868 - 2,320 psi (60 - 160 bar)
Certification and compliance	3.1 Traceability, 3-A 62-02, EC 1935/2004, EC 2023/2006, EN16643:2016, FDA (materials)
Operating temperature	-100 °F to 400 °F (-73 °C to 204 °C)
Bend radius	0.75 - 13.75 in (19 - 350 mm)
Gamma stability	Not suitable
Autoclave stability	Suitable
Cover	Platinum cured silicone rubber
Hose external protection options	Protection coil, Safeguard, Scuff rings
End fitting	ANSI 150, BSP and NPT threaded fittings, Cam and Groove and dip pipes, DIN 11851 fittings, DIN and JIS swivel flange, Hygienic SMS, IDF fittings, I-line, JIC fittings, RJT fittings, Sanitary triclamp fittings
Labelling options	Color coding, Standard, Streamline tagging
Vacuum resistance	Vacuum resistant to -0.9bar

<p>PTFE liner tubes are chemically resistant to all CIP, SIP and Autoclave conditions. Static build-up is prevented in FaBLINE hoses during steam or dry air purging by their conductive liners. Assemblies are electrically continuous between ends as standard and designated M/Q-L according to EN16643. Customers are advised to ensure appropriate grounding at the hose ends.</p>

<p>Frequent and rapid phase change in the transported media from liquid to gas and back, could shorten the expected hose life. Customers should inform Aflex Hose of the process details to confirm suitability prior to ordering.</p>

<p>FaBLINE hoses are not suitable for exposure to high energy radioactive sources, including Gamma radiation which embrittles PTFE.</p>

Materials of construction

	FaBLINE SI
Helical wire	Stainless steel 316
Liner tube	PTFE
Wire braid	Stainless steel 316

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 users' 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 Group, A Spirax-Sarco Engineering plc company.



wmfts.com/global
27 October 2025