FaBLINE SI

FaBLINE

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
Actual bore size	6.6 - 76.8 mm
Actual bore size	0.26 - 3.024 in
Outside diameter	11.6 - 92.8 mm
Outside diameter	0.46 - 3.654 in
Max. operating pressure	40 bar
Max. operating pressure	580 psi
Burst pressure	60 - 160 bar
Burst pressure	868 - 2,320 psi
Certification	3.1 Traceability, 3-A 62-02, EC 1935/2004, EC 2023/2006, EN16643:2016, FDA (materials)
Operating temperature range	-73 to 204 °C
Operating temperature range	-100 to 400 °F
Bend radius	19 - 350 mm
Bend radius	0.75 - 13.75 in
Gamma stability	Not suitable
Cover	Platinum cured silicone rubber
Hose external protection options	Protection coil, Safegard, 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

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/Ω-L according to EN16643. Customers are advised to ensure appropriate grounding at the hose ends.
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.
FaBLINE hoses are not suitable for exposure to high energy radioactive sources, including Gamma radiation which embrittles PTFE.

Materials of construction

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

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