

high performance fluoropolymer and fluoroplastic tubing and pipe

ALTAFLUOR 100®

PTFE (polytetrafluoroethylene) is the original Teflon® material first developed by the E.I. DuPont Co. PTFE is the most flexible of all fluoropolymers offered. ALTAFLUOR 100 PTFE has the broadest temperature range of any fluoropolymer and can resist highly corrosive liquids and gases even at elevated temperatures. The smooth surface finish and lowest coefficient of friction & lubricity make it ideal for bushing or bearing applications. Lengths may be limited due to batch size – please call to confirm available lengths at time of order. ALTAFLUOR 100 is compatible with most standard fittings (not suitable for use with flare-type fittings).

ALTAFLUOR 100® Features:

- 100% virgin grade PTFE resins
- Most flexible fluoropolymer
- Chemically inert and resistant to nearly all industrial chemicals and solvents
- Low permeability
- Smooth non-stick surface finish
- Lowest coefficient of friction
- Excellent electrical properties
- Non-Flammable
- Non-Toxic
- FDA Compliant
- Suitable for use with conventional fittings

Applications

- Laboratory
- Chemical Process
- Analytical and process equipment
- Cryogenic applications
- Electrical applications
- High Temperature applications
- Automotive

Specifications

General: Meets or exceeds the requirements listed in ASTM D 3295-03 (except for dimensional on specific items – please contact factory for details)

Temperature: -410° F to 500° F continuous / 550° F short-term

Flammability: UL 94 V0 rated. PTFE resists combustion and does not promote flame spread

FDA: PTFE is approved for use in food contact applications in compliance with FDA regulation: 21 CFR 177.1550

ALTAFLUOR 100® – PTFE Tubing

PART NUMBER	ID	OD	+/-	WALL	+/-
100-0125-030-XX	1/16	1/8	.005	0.030	.005
100-0188-030-XX	1/8	3/16	.005	0.030	.005
100-0250-030-XX	3/16	1/4	.005	0.030	.005
100-0313-030-XX	1/4	5/16	.005	0.030	.005
100-0375-030-XX	5/16	3/8	.005	0.030	.005
100-0500-030-XX	7/16	1/2	.005	0.030	.005
100-0250-040-XX	.170	1/4	.005	0.040	.005
100-0250-047-XX	.156	1/4	.005	0.047	.005
100-0250-062-XX	1/8	1/4	.005	0.062	.005
100-0313-062-XX	3/16	5/16	.005	0.062	.005
100-0375-062-XX	1/4	3/8	.005	0.062	.005
100-0500-062-XX	3/8	1/2	.005	0.062	.005
METRIC SIZES					
100-0236-040-XX	4mm	6mm	.005	1mm	.005
	.157	.236	.005	0.040	.005
100-0315-040-XX	6mm	8mm	.005	1mm	.005
	.236	.315	.005	0.040	.005
100-0394-040-XX	8mm	10mm	.005	1mm	.005
	.315	.394	.005	0.040	.005
100-0472-040-XX	10mm	12mm	.005	1mm	.005
	.394	.472	.005	0.040	.005

Stocked in natural color – please consult factory for details on available colors.



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Transport Critical Fluid With Confidence™

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Neoflon® is a registered trademark of Daikin