

ALTAFLUOR® 100 PTFE

PTFE (polytetrafluoroethylene) was 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, lowest coefficient of friction and 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 (except for dimensional on specific items)

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

Flammability: PTFE tubing resists combustion and does not promote flame spread. PTFE resin used for production of ALTAFLUOR® 100 series is UL 94 V0 rated

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	+/-
Industrial Wall					
100-0062-015-XX	1/32	1/16	.003	0.015	.003
100-0094-030-XX	1/32	3/32	.005	0.030	.005
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
Custom Wall					
100-0250-040-XX	0.17	1/4	.005	0.040	.005
100-0375-040-XX	0.295	3/8	.005	0.040	.003
100-0250-047-XX	5/32	1/4	.005	0.047	.005
Heavy Wall					
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					
100-0157-040-XX	2mm	4mm		1mm	
	0.079	157	.005	0.040	.005
100-0236-040-XX	4mm	6mm		1mm	
	0.157	0.236	.005	0.040	.005
100-0315-040-XX	6mm	8mm		1mm	
	0.236	0.315	.005	0.040	.005
100-0394-040-XX	8mm	10mm		1mm	
	0.315	0.394	.005	0.040	.005
100-0472-040-XX	10mm	12mm		1mm	
	0.394	0.472	.005	0.040	.005
100-0354-059-XX	6mm	9mm		1.5mm	
	0.236	0.354	.005	0.590	.005

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



P: 973-300-3344

F: 973-300-3345

E: sales@altaflo.com

A: 23 Wilson Drive, Sparta, NJ 07871

ALTAFLUOR® is a registered trademark of Altaflo LLC

TEFLON™ is a brand of Chemours

NEOFLO® is a registered trademark of Daikin

KYNAR® and KYNAR FLEX® are registered trademarks of Arkema Inc.