

# high performance fluoropolymer and fluoroplastic tubing and pipe

## ALTAFLUOR 400®

PFA (perfluoroalkoxy) is the product of choice for applications involving extreme chemical resistance combined with high temperature exposure. Although PFA is available in a variety of resin grades, ALTAFLUOR 400 PFA tubing is made exclusively from the highest molecular weight resins available giving it superior physical properties making it suitable for even the most demanding applications. ALTAFLUOR 400 is compatible with flare or conventional type fittings.

### ALTAFLUOR 400® Features

- 100% virgin grade high performance resins used to resist stress cracking
- Chemically inert to nearly all industrial chemicals and solvents
- Higher thermal stability than with FEP
- Lower permeability than with FEP
- Translucent
- Moisture absorption nearly zero
- FDA compliant for food contact
- Non-flammable
- Suitable for use with flare or conventional fittings
- Available in coiled hose and convoluted constructions
- Low permeation PFA tubing is also available

### Applications

- Chemical process
- Heat exchangers
- Laboratory applications
- Semiconductor
- Flow monitoring
- Food processing
- Electrical insulation
- Automotive

### Specifications

**General:** Meets or exceeds the requirements listed in ASTM D 6867-03

**Temperature:** -300 °F to 500 °F

**Flammability:** UL 94 VO rated. PFA resists combustion and does not promote flame spread

**FDA:** ALTAFLUOR 400 PFA is approved for use in food contact applications in compliance with FDA regulation: 21 CFR 177.1550

**USP CLASS VI:** Altafluor 400 meets the requirements of USP Class VI

### ALTAFLUOR 400® – PFA Tubing

PART NUMBER	ID	OD	+/-	WALL	+/-
400-0062-015-XX	1/32	1/16	.003	0.015	.003
400-0125-030-XX	1/16	1/8	.004	0.030	.003
400-0156-030-XX	3/32	5/32	.004	0.030	.003
400-0188-030-XX	1/8	3/16	.004	0.030	.003
400-0250-030-XX	3/16	1/4	.004	0.030	.003
400-0313-030-XX	1/4	5/16	.004	0.030	.003
400-0375-030-XX	5/16	3/8	.005	0.030	.003
400-0438-030-XX	3/8	7/16	.005	0.030	.003
400-0500-030-XX	7/16	1/2	.005	0.030	.003
400-0562-030-XX*	1/2	9/16	.005	0.030	.003
400-0625-030-XX*	9/16	5/8	.005	0.030	.003
400-0688-030-XX*	5/8	11/16	.005	0.030	.003
400-0750-030-XX*	11/16	3/4	.005	0.030	.003
400-0250-040-XX	.170	1/4	.004	0.040	.003
400-0250-047-XX	.156	1/4	.004	0.047	.003
400-0188-062-XX	1/16	3/16	.005	0.062	.003
400-0250-062-XX	1/8	1/4	.005	0.062	.003
400-0375-062-XX	1/4	3/8	.005	0.062	.003
400-0438-062-XX	5/16	7/16	.005	0.062	.003
400-0500-062-XX	3/8	1/2	.005	0.062	.003
400-0625-062-XX	1/2	5/8	.005	0.062	.003
400-0750-062-XX	5/8	3/4	.005	0.062	.003
400-0875-062-XX*	3/4	7/8	.005	0.062	.003
400-1000-062-XX	7/8	1	.005	0.062	.003
400-1125-062-XX	1	1-1/8	.006	0.062	.003
400-1250-062-XX**	1-1/8	1-1/4	.006	0.062	.003

\* Custom item – please consult factory for lead time and minimum order requirements.

\*\* Available in straight lengths only.

Additional sizes available – please consult factory for details.

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

**NEW:** Low permeation PFA tubing is also available – please consult factory for details.



25 weldon road  
lake hopatcong, nj 07849

973-663-3303

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[www.altaflo.com](http://www.altaflo.com)

Transport Critical Fluid With Confidence<sup>SM</sup>

ALTAFLUOR® is a registered trademark of Altaflo LLC

Teflon® is a registered trademark of E.I. DuPont

Neoflon® is a registered trademark of Daikin

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### ALTAFLUOR 400® – PFA Tubing

PART NUMBER	ID	OD	+/-	WALL	+/-
<b>METRIC SIZES</b>					
400-0157-040-XX	2mm	4mm	.005	1mm	.003
	.078	.157	.005	0.040	.003
400-0197-040-XX	3mm	5mm	.005	1mm	.003
	.118	.197	.005	0.040	.003
400-0236-040-XX	4mm	6mm	.005	1mm	.003
	.157	.236	.005	0.040	.003
400-0276-040-XX	5mm	7mm	.005	1mm	.003
	.197	.276	.005	0.040	.003
400-0315-040-XX	6mm	8mm	.005	1mm	.003
	.236	.315	.005	0.040	.003
400-0354-040-XX	7mm	9mm	.005	1mm	.003
	.276	.354	.005	0.040	.003
400-0394-040-XX	8mm	10mm	.005	1mm	.003
	.315	.394	.005	0.040	.003
400-0433-040-XX	9mm	11mm	.005	1mm	.003
	.354	.433	.005	0.040	.003
400-0472-040-XX	10mm	12mm	.005	1mm	.003
	.394	.472	.005	0.040	.003
400-0551-040-XX	12mm	14mm	.005	1mm	.003
	.472	.551	.005	0.040	.003
400-0630-040-XX	14mm	16mm	.005	1mm	.003
	.551	.630	.005	0.040	.003
400-0354-059-XX	6mm	9mm	.005	1.5mm	.003
	.236	.354	.005	0.059	.003
400-0472-059-XX	9mm	12mm	.005	1.5mm	.003
	.354	.472	.005	0.059	.003

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