

# high performance fluoropolymer and fluoroplastic tubing and pipe

## ALTAFLUOR 480®

ALTAFLUOR 480 UHP PFA (ultra high purity perfluoroalkoxy) is the product of choice for applications involving extreme chemical resistance combined with high purity requirements. Although HP PFA is available in a variety of resin grades, ALTAFLUOR 480 UHP PFA tubing is made exclusively from a high molecular weight, high purity resin that provides excellent chemical resistance, (even to common fluorosurfactants), highest purity levels, low permeation levels and smoothest surface finish. Unlike standard HP PFA tubing products, ALTAFLUOR 480 tubing has flex life values comparable to PTFE. ALTAFLUOR 480 UHP PFA tubing is ideal for use with flare or conventional fittings.

### ALTAFLUOR 480® Features

- 100% virgin grade high performance resins used to resist stress cracking
- Chemically inert to nearly all industrial chemicals and solvents
- Highest thermal stability
- Lowest permeation (even with aggressive chemicals such as HCL)
- Smoothest surface finish resulting in less area of particle entrapment
- 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

### Applications

- Semiconductor
- Chemical process
- Heat exchangers
- Laboratory applications
- Flow monitoring
- Pharmaceutical

### Specifications

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

**Temperature:** -320 °F to 500 °F

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

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

**USP CLASS VI:** Altafluor 480 meets the requirements of USP Class VI

### ALTAFLUOR 480® – UHP PFA Tubing

PART NUMBER	ID	OD	+/-	WALL	+/-
480-0125-030-0C	1/16	1/8	.004	0.030	.003
480-0250-030-0C	3/16	1/4	.004	0.030	.003
480-0250-040-0C	.170	1/4	.004	0.040	.003
480-0250-047-0C	.156	1/4	.004	0.047	.003
480-0250-062-0C	1/8	1/4	.005	0.062	.003
480-0375-062-0C	1/4	3/8	.005	0.062	.003
480-0500-062-0C	3/8	1/2	.005	0.062	.003
480-0750-062-0C	5/8	3/4	.005	0.062	.003
480-1000-062-0C	7/8	1	.005	0.062	.003
480-1250-075-0C	1.10	1.250	.008	.075	.003

Additional sizes available – please consult factory for details.

Available in natural color only. For pigmented items, see ALTAFLUOR 400 series.



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Neoflon® is a registered trademark of Daikin

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PART NUMBER	ID	OD	+/-	WALL	+/-
<b>METRIC SIZES</b>					
480-0157-040-OC	2mm	4mm	.005	1mm	.003
	.078	.157	.005	0.040	.003
480-0236-040-OC	4mm	6mm	.005	1mm	.003
	.157	.236	.005	0.040	.003
480-0315-040-OC	6mm	8mm	.005	1mm	.003
	.236	.315	.005	0.040	.003
480-0394-040-OC	8mm	10mm	.005	1mm	.003
	.315	.394	.005	0.040	.003
480-0472-040-OC	10mm	12mm	.005	1mm	.003
	.394	.472	.005	0.040	.003

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