

high performance fluoropolymer and fluoroplastic tubing and pipe

ALTAFLUOR 550®

PVDF FLEX (polyvinylidene fluoride - commonly known by the trade name KYNAR FLEX®) is a more flexible version of PVDF suitable for use with flare fittings.* ALTAFLUOR 550 Tubing is resistant to many commonly used industrial fluids and gasses, including ozone, and does not support the growth of fungi. For this reason ALTAFLUOR 550 tubing is preferred for water disinfecting processes involving ozone such as aquarium, spa, pool and agriculture. Additionally, it is ideal for applications with exposure to less aggressive chemicals and lower temperature exposure (over FEP or PFA) or those requiring low extractable levels. ALTAFLUOR 550 is available in many standard sizes available to ship from stock. Custom sizes are available upon request.

* Suggest use of heat flare system with ALTAFLUOR 550 TUBING

ALTAFLUOR 550® Features

- 100% virgin grade KYNAR FLEX® PVDF
- Chemically resistant to many industrial chemicals and solvents including acids, chlorinated chemicals, brominated chemicals, alcohols, and hydrocarbons.
- Low smoke and flame properties
- Resistant to bacteria and fungal growth
- Good abrasion resistance
- Low permeability
- Excellent creep resistance
- Excellent thermal stability
- Better flexibility (over ALTAFLUOR 500)
- UV resistant
- Nuclear radiation resistant
- FDA compliant

Applications

- Metal preparation
- Food & beverage
- Petrochemical processing
- High purity semiconductor
- Water purification
- Chemical process
- Nuclear waste
- Ultra-pure water process systems
- Pulp & paper
- Aquarium
- Pool & spa

Specifications

General: Resin meets or exceeds requirements listed in ASTM D 3222

Temperature: -20° F to 212° F

Flammability: UL 94-V0 rated KYNAR FLEX® PVDF resists combustion and does not promote flame spread

FDA: KYNAR FLEX® PVDF is approved for use in food contact applications in compliance with FDA regulation 21 CFR 177.2600

NSF-51: Meets Food Equipment Materials requirements

ALTAFLUOR® is a registered trademark of Altaflo LLC

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

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

Neoflon® is a registered trademark of Daikin

ALTAFLUOR 550® – PVDF FLEX Tubing

PART NUMBER	ID	OD	+/-	WALL	+/-
550-0125-030-XX	1/16	1/8	.004	0.030	.003
550-0188-030-XX	1/8	3/16	.004	0.030	.003
550-0250-030-XX	3/16	1/4	.004	0.030	.003
550-0313-030-XX	1/4	5/16	.005	0.030	.003
550-0375-030-XX	5/16	3/8	.005	0.030	.003
550-0250-040-XX	.170	1/4	.005	0.040	.003
550-0250-047-XX	5/32	1/4	.005	0.047	.003
550-0250-062-XX	1/8	1/4	.005	0.062	.003
550-0375-062-XX	1/4	3/8	.005	0.062	.003
550-0500-062-XX	3/8	1/2	.005	0.062	.003
550-0625-062-XX	1/2	5/8	.006	0.062	.003
550-0750-062-XX	5/8	3/4	.006	0.062	.003
550-1000-062-XX	7/8	1	.006	0.062	.003
METRIC SIZES					
550-0157-040-XX	2mm	4mm	.005	1mm	.003
	.079	.157	.005	0.040	.003
550-0236-040-XX	4mm	6mm	.005	1mm	.003
	.157	.236	.005	0.040	.003
550-0315-040-XX	6mm	8mm	.005	1mm	.003
	.236	.315	.005	0.040	.003
550-0394-040-XX	8mm	10mm	.005	1mm	.003
	.315	.394	.005	0.040	.003
550-0472-040-XX	10mm	12mm	.005	1mm	.003
	.394	.472	.005	0.040	.003

Additional sizes available – please consult factory for details.

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



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