

# ALTAFLUOR® 550 PVDF FLEX

PVDF FLEX (polyvinylidene fluoride - commonly known by the trade name KYNAR FLEX®) is a more flexible version of PVDF. ALTAFLUOR® 550 Tubing is resistant to many commonly used industrial fluids and gases, 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. \* ALTAFLUOR® 550 tubing is compatible with most standard fittings (not suitable for use with flare fittings).

## 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 and beverage
- Petrochemical processing
- High purity semiconductor
- Water purification
- Chemical process
- Ultra-pure water process systems
- Pulp and paper
- Aquarium
- Pool and 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:** Resin used to produce ALTAFLUOR® 550 Series PVDF Tubing is certified to NSF 51, 61 and 372

## 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	0.170	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	ID	OD	+/-	WALL	+/-
550-0157-040-XX	2mm	4mm	.005	1mm	.003
	0.079	0.157	.005	0.040	.003
550-0236-040-XX	4mm	6mm	.005	1mm	.003
	0.157	0.236	.005	0.040	.003
550-0315-040-XX	6mm	8mm	.005	1mm	.003
	0.236	.315	.005	0.040	.003
550-0394-040-XX	8mm	10mm	.005	1mm	.003
	0.315	0.394	.005	0.040	.003
550-0472-040-XX	10mm	12mm	.005	1mm	.003
	0.394	0.472	.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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