

ALTAFLUOR® 600 MFA

MFA (perfluoro methyl alkoxy) is a co-polymer of tetrafluoroethylene and perfluoromethyl vinyl ether. MFA is similar in characteristics and performance to PFA.

Like PFA resins, ALTAFLUOR® 600 resins provide excellent stress crack and chemical resistance. It has purity levels equal or better than most standard PFA resins. Additionally, the ultra-smooth surface finish of ALTAFLUOR® 600 tubing products make them ideal for applications requiring quick and easy clean out. MFA has superior clarity than PFA in UV and visible spectrums. For chemical applications not exceeding 480 °F, ALTAFLUOR® 600 tubing may prove to be a cost effective option. ALTAFLUOR® 600 tubing may be used with flare or conventional fittings.

ALTAFLUOR® 600 FEATURES

- 100% virgin grade high performance resin
- Chemically inert to nearly all industrial chemicals and solvents
- Better clarity than PFA in UV and visible spectrums
- Higher service temperature than FEP
- Lower permeability than FEP
- Better impact resistance than PFA
- Smoother surface finish than PFA
- Lower extractable levels than standard FEP and PFA
- Moisture absorption nearly zero
- Non-flammable
- Excellent electrical insulation
- Available coiled

APPLICATIONS

- Chemical process
- Paint spray
- Electrical insulation
- Heat exchangers
- Semiconductor
- Automotive

SPECIFICATIONS

General: Meets or exceeds the requirements of ASTM 6314

Temperature: -100 °F to 482 °F

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

NSF: ALTAFLUOR® 600 MFA tubing is certified to NSF 51, NSF 61 and NSF 372



This ALTAFLUOR® 600 MFA has been tested and certified by WQA against NSF/ANSI 51, NSF/ANSI 61 to Commercial Hot (180° F/82° C), and NSF/ANSI 372 for lead free compliance.

ALTAFLUOR® 600 MFA - TUBING

PART NUMBER	ID	OD	+/-	WALL	+/-
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Please consult factory for sizes and availability.

ALTAFLUOR® 600 SERIES MFA - PHYSICAL PROPERTIES

PHYSICAL PROPERTY	ASTM TEST METHOD	UNITS	VALUES
Upper Service Temp			450° F
Specific Gravity	D 792		2.15
Tensile Strength	D 1708	PSI	4500
Elongation	D 638	%	330
Flex Modulus	D 790	PSI	65,000
MIT Flex Life	D 2176		80,000
Hardness	D 2240	Shore D	59

The above information is based on tests performed at 73° F and can vary in individual applications based on parameters such as temperature, chemical concentration, pressure, etc. Please consult factory for details.



P: 973-300-3344

F: 973-300-3345

E: sales@altaflo.com

A: 23 Wilson Drive, Sparta, NJ 07871

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