

high performance fluoropolymer and fluoroplastic tubing and pipe

ALTAFLUOR® 550

Due to the nature of applications involving the use of fluoropolymers, we suggest that all customers test product within the conditions specific to their application prior to use.

ALTAFLUOR® 550 PVDF FLEX – Tubing

PART NUMBER	OD	WALL	ID	BEND RADIUS	WORKING PRESSURE @ 73°F
550-0125-030-OC	0.125	0.030	0.062	1/2"	451
550-0188-030-OC	0.188	0.030	0.125	3/4"	168
550-0250-030-OC	0.250	0.030	0.188	1"	126
550-0313-030-OC	0.313	0.030	0.250	1-3/4"	101
550-0375-030-OC	0.375	0.030	0.313	2-1/2"	84
550-0250-040-OC	.250	0.040	.170	1"	155
550-0250-047-OC	.250	0.047	0.156	3/4"	177
550-0250-062-OC	0.250	0.062	0.125	1/2"	260
550-0375-062-OC	0.375	0.062	0.250	1"	174
550-0500-062-OC	0.500	0.062	0.375	2"	130
550-0625-062-OC	0.625	0.062	0.500	3"	104
550-0750-062-OC	0.750	0.062	0.625	5"	87
550-1000-062-OC	1.000	0.062	0.875	22"	65

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. For an estimate on burst pressure at ambient temperature we consider a 3:1 ratio when exposure temperature is 73° F. However Altaflo does not recommend exceeding the suggested Working Pressure listed.

Additional sizes available – please consult factory for details.

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

ALTAFLUOR® 550 Series PVDF – Physical Properties

PHYSICAL PROPERTY	ASTM TEST METHOD	UNITS	VALUES
Upper Service Temp			212° F
Specific Gravity	D 792		1.78
Tensile Strength	D 1708	PSI	3500
Elongation	D 638	%	200-500
Flex Modulus	D 790	PSI	40,000-60,000
Hardness	D 2240	Shore D	57-62

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