

high performance fluoropolymer and fluoroplastic tubing and pipe

ALTAFLUOR 480®

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 480® Series PFA – Physical Properties

PHYSICAL PROPERTY	ASTM TEST METHOD	UNITS	VALUES
Upper Service Temp.			500° F
Specific Gravity	D 792		2.15
Tensile Strength	D 1708	PSI	4500
Elongation	D 638	%	400
Flex Modulus	D 790	PSI	90,000
MIT Flex Life	D 2176		1,750,000
Hardness	D 2240	Shore D	60

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.

NOTE: The values represented above are based on the use of 100% virgin grade high performance - low melt flow PFA resin as used in the production of ALTAFLUOR 480 Series Tubing. When comparing data it is critical that performance values are listed for the grade of resin used.

ALTAFLUOR 480® – Bend Radius and Working Pressure Chart

PART NUMBER	OD	WALL	ID	BEND RADIUS	WORKING PRESSURE @ 72°F
480-0125-030-0C	0.125	0.030	0.062	1/2"	451
480-0250-030-0C	0.250	0.030	0.188	1"	226
480-0250-040-0C	0.250	0.040	0.170	1"	301
480-0250-047-0C	0.250	0.047	0.157	3/4"	353
480-0250-062-0C	0.250	0.062	0.125	1/2"	466
480-0375-062-0C	0.375	0.062	0.250	1"	311
480-0500-062-0C	0.500	0.062	0.375	2"	233
480-0750-062-0C	0.750	0.062	0.625	6"	155
480-1000-062-0C	1.000	0.062	0.875	22"	117
480-1250-075-0C	1.250	0.075	1.100	n/a	49
METRIC SIZES					
480-0236-040-0C	0.236	0.040	0.157	1-3/4"	313
	6mm	1mm	4mm		
480-0315-040-0C	0.315	0.040	0.236	2-1/2"	235
	8mm	1mm	6mm		
480-0394-040-0C	0.394	0.040	0.315	2-3/4"	188
	10mm	1mm	8mm		

Additional sizes up to 2" are available.

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



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