

high performance fluoropolymer and fluoroplastic tubing and pipe

ALTAFLUOR 200®

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 200® Series FEP – Physical Properties

PHYSICAL PROPERTY	ASTM TEST METHOD	UNITS	VALUES
Upper Service Temp.			400° F
Specific Gravity	D 792		2.15
Tensile Strength	D1708	PSI	4000
Elongation	D638	%	400
Flex Modulus	D 790	PSI	90,000
MIT Flex Life	D2176		200,000
Hardness	D2240	Shore D	57-60

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 FEP resin as used in the production of ALTAFLUOR 200 Series Tubing. When comparing data it is critical that performance values are listed for the grade of resin used.

ALTAFLUOR 200® – Bend Radius and Working Pressure Chart

PART NUMBER	OD	WALL	ID	BEND RADIUS	WORKING PRESSURE @ 72°F
200-0125-030-	0.125	0.030	0.062	1/2"	445
200-0156-030-	0.156	0.030	0.094	1/2"	357
200-0188-030-	0.188	0.030	0.125	3/4"	296
200-0188-062-	0.188	0.062	0.062	1/2"	612
200-0250-030-	0.250	0.030	0.188	1"	223
200-0250-040-	0.250	0.040	0.170	1"	297
200-0250-047-	0.250	0.047	0.157	3/4"	349
200-0250-062-	0.250	0.062	0.125	1/2"	460
200-0313-030-	0.313	0.030	0.250	1-3/4"	178
200-0313-062-	0.313	0.062	0.188	1"	368
200-0375-030-	0.375	0.030	0.313	2-1/2"	148
200-0375-062-	0.375	0.062	0.250	1"	307
200-0438-030-	0.438	0.030	0.375	3-1/2"	127
200-0438-062-	0.438	0.062	0.313	2"	263
200-0500-030-	0.500	0.030	0.438	6"	111
200-0500-062-	0.500	0.062	0.375	2"	230
200-0625-030-	0.625	0.030	0.562	6-1/2"	89
200-0625-062-	0.625	0.062	0.500	3"	184
200-0750-030-	0.750	0.030	0.688	8"	74
200-0750-062-	0.750	0.062	0.625	6"	153
200-0875-062-	0.875	0.062	0.750	12"	132
200-1000-062-	1.000	0.062	0.875	22"	115
200-1125-062-	1.125	0.062	1.000	n/a	75
200-1250-062-	1.250	0.062	1.125	n/a	70
METRIC SIZES					
200-0157-040-	0.157	0.040	0.078	1-1/2"	464
	4mm	1mm	2mm		
200-0236-040-	0.236	0.040	0.157	1-3/4"	309
	6mm	1mm	4mm		
200-0315-040-	0.315	0.040	0.236	2-1/2"	232
	8mm	1mm	6mm		
200-0394-040-	0.394	0.040	0.315	2-3/4"	186
	10mm	1mm	8mm		
200-0472-040-	0.472	0.040	0.394	4"	155
	12mm	1mm	10mm		



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