

high performance fluoropolymer and fluoroplastic tubing and pipe

ALTAFLUOR 100®

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 100® – Bend Radius and Working Pressure Chart

PART NUMBER	OD	WALL	ID	BEND RADIUS	WORKING PRESSURE @ 72°F
100-0125-030-	0.125	0.030	0.062	1/2"	300
100-0188-030-	0.188	0.030	0.125	3/4"	200
100-0250-030-	0.250	0.030	0.188	1"	150
100-0250-040-	0.250	0.040	0.170	1"	200
100-0250-047-	0.250	0.047	0.157	3/4"	235
100-0250-062-	0.250	0.062	0.125	1/2"	310
100-0313-030-	0.313	0.030	0.250	1-3/4"	120
100-0313-062-	0.313	0.030	0.250	1-3/4"	247
100-0375-030-	0.375	0.062	0.188	3/4"	100
100-0375-062-	0.375	0.062	0.250	3/4"	207
100-0500-030-	0.500	0.030	0.438	6"	75
100-0500-062-	0.500	0.062	0.375	2-1/2"	155
METRIC SIZES					
100-0236-040-	0.236	0.040	0.157	1"	208
	6mm	1mm	4mm		
100-0315-040-	0.315	0.040	0.236	1-1/2"	156
	8mm	1mm	6mm		
100-0394-040-	0.394	0.040	0.315	2"	125
	10mm	1mm	8mm		
100-0472-040-	0.472	0.040	0.394	4"	104

ALTAFLUOR 100® – Physical Properties

PHYSICAL PROPERTY	ASTM TEST METHOD	UNITS	VALUES
Upper Service Temp. Long Term			500° F
Upper Service Temp. Short Term			550° F
Specific Gravity	D 792		2.15
Tensile Strength	D 1708	PSI	2500-3000
Elongation	D 638	%	200-400
Flex Modulus	D 790	PSI	27,000
MIT Flex Life	D 2176		1,000,000+
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.



25 weldon road
lake hopatcong, nj 07849

973-663-3303

sales@altaflo.com

www.altaflo.com

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