



PTFE Tolerances

OD Tolerances				
OD Call-out	Target OD	-	MIN	MAX
0.250	0.260	0.010	0.255	0.265
0.375	0.385	0.010	0.380	0.390
0.500	0.510	0.010	0.505	0.515
0.625	0.635	0.010	0.630	0.640
0.750	0.760	0.010	0.755	0.765
0.875	0.885	0.010	0.880	0.890
1.000	1.010	0.010	1.005	1.015
1.125	1.135	0.010	1.130	1.140
1.250	1.260	0.010	1.255	1.265
1.375	1.385	0.010	1.380	1.390
1.500	1.510	0.010	1.505	1.515
1.750	1.760	0.010	1.755	1.765
2.000	2.010	0.010	2.005	2.015
2.250	2.260	0.010	2.255	2.265
2.500	2.510	0.010	2.505	2.515
3.000	3.010	0.010	3.005	3.015

ID Tolerances				
ID Call-out	Target ID	-	MIN	MAX
0.250	0.250		0.240	0.260
0.375	0.375		0.365	0.385
0.500	0.500		0.490	0.510
0.625	0.625		0.615	0.635
0.750	0.750		0.740	0.760
0.875	0.875		0.865	0.885
1.000	1.000		0.990	1.010
1.125	1.125		1.115	1.135
1.250	1.250		1.240	1.260
1.375	1.375		1.365	1.385
1.500	1.500		1.490	1.510
1.625	1.625		1.615	1.635
1.750	1.750		1.740	1.760
2.000	2.000		1.990	2.010
2.250	2.250		2.240	2.260
2.500	2.500		2.490	2.510
3.000	3.000		2.990	3.010

Notes:

All parts to be ran slightly oversized on the OD

Example:

For a 1" OD tube, target size should be 1.010"
 Minimum for 1" OD should be 1.005"
 Maximum for 1" OD should be about 1.015

Notes:

All ID dimensions should be ran to Call-Out size

Example:

For a 1.00" ID, target size should be 1.00"
 Minimum for 1" ID should be about .990"
 Maximum for 1" ID should be about 1.010

Concentricity			
(Wall Thickness consistency)			
	MIN	MAX	Guideline
1/16" (0.062")	0.056	0.068	10.00%
1/8" (0.125")	0.113	0.138	10.00%
1/4" (0.250")	0.225	0.275	10.00%

Parts should be visually concentric around the tube.

Contact Rotaloc Int'l, LLC

Phone
 Tel (303) 948-5434
 Toll Free (888) Rotaloc/768-2562

Address
 Rotaloc Int'l, LLC
 9903 Titan Court, Suite #15
 Littleton, CO 80125 - USA

Email
info@rotaloc.com

On the Web:
<http://www.rotaloc.com>

PTFE Rod

(Commercial Tolerances)
 Call-out size +/- 0.004" (0.1mm)