

Thermobond Dimensional Tolerances



Scope: This quick reference guide is designed to provide dimensional inspection criteria for Thermo bonded O-rings for which no customer requirements have been specified.

I. D. Range (in.) & Tolerance (in.)

1.17 to 1.90	= +/- .020
1.91 to 3.08	= +/- .025
3.09 to 3.99	= +/- .031
4.00 to 5.99	= +/- .039
6.00 to 7.99	= +/- .050
8.00 to 10.99	= +/- .063
11.00 to 16.99	= +/- .079
17.00 to 21.99	= +/- .100
22.00 to 26.99	= +/- .125
27.00 to 28.99	= +/- .140
29.00 & over	To find the dimensional tolerance multiply by 0.6%

STANDARD CROSS-SECTIONAL TOLERANCES

Extrusions Solid Cord Stock

RMA Class 1 High Precision

RMA Drawing Designation E1

Dimensions (in Inches)

Above -	Up To	+/-
0	.06	0.006
.06	.10	0.008
.10	.16	0.010
.16	.25	0.014
.25	.39	0.016
.39	.63	0.020
.63	.98	0.027
.98	1.57	0.031
1.57	2.48	0.039
2.48	3.94	0.051

CORED CROSS-SECTIONAL TOLERANCES

Extrusions Closed-Cellular Rubber Cord Stock

RMA Class 1 High Precision

RMA Drawing Designation BEC1

Dimensions (in Inches)

Above	-	Included	+/-
0		.25	0.016
.25		.50	0.025
.50		1.0	0.50
1.0		1.6	0.80
1.6 and over		multiply by	0.060