

Table 36 - Cross Section

Tolerances on cross-sectional dimensions of irregular and cored shapes of extruded, expanded, closed-cellular rubber. Class 1 tolerances in the table below are recommended only for high volume, tight products for automotive applications.

RMA Class		1*	2	3
RMA Drawing Designation		BEC 1	BEC 2	BEC 3
Millimeters		Tolerance		
Above	Included			
0	6.3	±0.4	±0.5	±0.63
6.3	12.5	0.63	1.0	1.25
12.5	25.0	1.25	2.0	2.5
25.0	40.0	2.0	3.2	4.0
40.0 & over mult. by		0.06	0.08	0.10
RMA Class		1*	2	3
RMA Drawing Designation		BEC 1	BEC 2	BEC 3
Inches		Tolerance		
Above	Included			
0	.25	±.016	±.020	±.025
.25	.50	.025	.040	.050
.50	1.0	.050	.080	.100
1.0	1.6	.080	.125	.160
1.6 & over mult. by		0.060	0.080	0.100

*Class 1 tolerances should not be applied to the softer grades of material -- below 63 kPa (9 psi) compression deflection.

Table 37 - Cross-Sectional Dimension (width, thickness, or diameter)

Tolerances on cross-sectional dimensions of cored, rectangular or other regular shapes of extruded, expanded, closed-cellular rubber.

RMA Class		1	2	3
RMA Drawing Designation		BER 1	BER 2	BER 3
Millimeters		Tolerance		
Above	Included			
3.2	12.5	±0.8	±0.8	±1.0
12.5	25.0	1.25	1.25	2.0
25.0	50.0	1.6	2.0	4.0
50.0	80.0	2.5	3.2	5.0
80.0 & over mult. by		0.06	0.08	0.10
RMA Class		1	2	3
RMA Drawing Designation		BER 1	BER 2	BER 3
Inches		Tolerance		
Above	Included			
.125	.50	±.032	±.032	±.040
.50	1.0	.050	.050	.080
1.0	2.0	.063	.080	.160
2.0	3.15	.100	.125	.200
3.15 & over mult. by		.060	.080	.100