

Extrusion Cross-Sectional Tolerance (RMA Table 13)					
RMA Class		1 High Precision	2 Precision	3 Commercial	
Drawing Designation		E1	E2	E3	
Dimensions (in Millimeters)		±	±	±	
Above	Up to				
0	1.5	0.15	0.25	0.40	
1.5	2.5	0.20	0.35	0.50	
2.5	4.0	0.25	0.40	0.70	
4.0	6.3	0.35	0.50	0.80	
6.3	10	0.40	0.70	1.00	
10	16	0.50	0.80	1.30	
16	25	0.70	1.00	1.60	
25	40	0.80	1.30	2.00	
40	63	1.00	1.60	2.50	
63	100	1.30	2.00	3.20	
RMA Class		1 High Precision	2 Precision	3 Commercial	
Drawing Designation		E1	E2	E3	
Dimensions (in Inches)		±	±	±	
Above	Up to				
0	0.06	0.006	0.010	0.015	
0.06	0.10	0.008	0.014	0.020	
0.10	0.16	0.010	0.016	0.027	
0.16	0.25	0.014	0.020	0.031	
0.25	0.39	0.016	0.027	0.039	
0.39	0.63	0.020	0.031	0.051	
0.63	0.98	0.027	0.039	0.063	
0.98	1.57	0.031	0.051	0.079	
1.57	2.48	0.039	0.063	0.098	
2.48	3.94	0.051	0.079	0.126	

Cut Length Tolerance For Unspliced Extrusion (RMA Table 16)				
RMA Class		1 High Precision	2 Precision	3 Commercial
Drawing Designation		L1	L2	L3
Length (in Millimeters)		±	±	±
Above	Up to			
0	40	0.7	1.0	1.6
40	63	0.8	1.3	2.0
63	100	1.0	1.6	2.5
100	160	1.3	2.0	3.2
160	250	1.6	2.5	4.0
250	400	2.0	3.2	5.0
400	630	2.5	4.0	6.3
630	1000	3.2	5.0	10.0
1000	1600	4.0	6.3	12.5
1600	2500	5.0	10.0	16.0
2500	4000	6.3	12.5	20.0
4000		0.16%	0.32%	0.50%
Length (in Inches)		±	±	±
Above	Up to			
0	1.6	0.03	0.04	0.06
1.6	2.5	0.03	0.05	0.08
2.5	4.0	0.04	0.06	0.10
4.0	6.3	0.05	0.08	0.13
6.3	10.0	0.06	0.10	0.16
10.0	16.0	0.8	0.13	0.20
16.0	25.0	0.10	0.16	0.25
25.0	40.0	0.13	0.20	0.40
40.0	63.0	0.16	0.25	0.50
63.0	100.0	0.20	0.40	0.63
100.0	160.0	0.25	0.50	0.80
160.0		0.16%	0.32%	0.50%

Spliced Length Tolerances (RMA Table 18)					
RMA Class		1 High Precision	2 Precision	3 Commercial	
Drawing Designation		S1	S2	S3	
Length (in Millimeters)		±	±	±	
Above	Up to	3.2	6.3	7.1	
0	250	4.0	7.1	8.0	
250	400	5.0	8.0	9.0	
400	630	6.3	9.0	10.0	
1000	1600	8.0	10.0	11.2	
1600	2500	10.0	11.2	12.3	
2500	over	12.5	12.5	16.0	
Length (in Inches)		±	±	±	
Above	Up to	0.13	0.25	0.28	
0	10	0.16	0.28	0.32	
10	16	0.20	0.32	0.36	
16	25	0.25	0.36	0.40	
25	40	0.32	0.40	0.45	
40	63	0.40	0.45	0.50	
63	100	0.50	0.50	0.53	
100	over				

Tolerances on Internal Dimensions of Mandrel-Supported Extrusions				
RMA Class		1 Precision	2 Commercial	3 Non-Critical
Drawing Designation		EN1	EN2	EN3
Dimensions (in Millimeters)		±	±	±
Above	Up to			
0	4	0.20	0.20	0.35
4	6.3	0.20	0.25	0.40
6.3	10	0.25	0.35	0.50
10	16	0.35	0.40	0.70
16	25	0.40	0.50	0.80
25	40	0.50	0.70	1.00
40	63	0.70	0.80	1.30
63	100	0.80	1.00	1.60
100	160	1.00	1.30	2.00
160		0.6%	0.8%	1.2%
Dimensions (in Inches)		±	±	±
Above	Up to			
0	0.16	0.008	0.08	0.014
0.16	0.25	0.008	0.010	0.016
0.25	0.40	0.010	0.014	0.020
0.40	0.63	0.014	0.016	0.028
0.63	1.00	0.016	0.020	0.032
1.00	1.60	0.020	0.028	0.040
1.60	2.50	0.028	0.032	0.051
2.50	4.00	0.032	0.040	0.063
4.00	6.30	1.040	0.051	0.079
6.30		0.6%	0.8%	1.2%

Moulded Rubber Products RMA Tolerances (RMA Table 3)					
<b>RMA Class</b>		Fixed Precision	Closed Precision	Fixed Commercial	Closed Commercial
<b>Drawing Designation</b>		A2	A2	A3	A3
<b>Dimensions (in Millimeters)</b>		±	±	±	±
Above	Up to				
0	10	0.16	0.20	0.20	0.32
10	16	0.20	0.25	0.25	0.40
16	25	0.25	0.32	0.32	0.50
25	40	0.32	0.40	0.40	0.63
40	63	0.40	0.50	0.50	0.80
63	100	0.50	0.63	0.63	1.00
100	160	0.63	0.80	0.80	1.25
160	& over	0.4%	0.5%	0.5%	0.8%
<b>RMA Class</b>		Fixed Precision	Closed Precision	Fixed Commercial	Closed Commercial
<b>Drawing Designation</b>		A2	A2	A3	A3
<b>Dimensions (in Inches)</b>		±	±	±	±
Above	Up to				
0	0.40	0.006	0.008	0.008	0.013
0.40	0.63	0.008	0.010	0.010	0.016
0.63	1.00	0.010	0.013	0.013	0.020
1.00	1.60	0.013	0.016	0.016	0.025
1.60	2.50	0.016	0.020	0.020	0.032
2.50	4.00	0.020	0.025	0.025	0.040
4.00	6.30	0.025	0.032	0.032	0.050
6.30	& over	0.4%	0.5%	0.5%	0.8%