



## Standard Tolerances for Extruded Rubber Products

mm	Tolerance Value (±)			inch	Tolerance Value (±)		
	Level				Level		
	E1 (Precision)	E2 (Commercial)	E3 (Non-critical)		E1 (Precision)	E2 (Commercial)	E3 (Non-critical)
0 - 1.5	0.15	0.25	0.40	0 - 0.06	0.006	0.010	0.015
1.5 - 2.5	0.20	0.35	0.50	0.06 - 0.10	0.008	0.014	0.020
2.5 - 4.0	0.25	0.40	0.70	0.10 - 0.16	0.010	0.016	0.027
4.0 - 6.3	0.35	0.50	0.80	0.16 - 0.25	0.014	0.020	0.031
6.3 - 10	0.40	0.70	1.00	0.25 - 0.39	0.016	0.027	0.039
10 - 16	0.50	0.80	1.30	0.39 - 0.63	0.020	0.031	0.051
16 - 25	0.70	1.00	1.60	0.63 - 0.98	0.027	0.039	0.063
25 - 40	0.80	1.30	2.00	0.98 - 1.57	0.031	0.051	0.079
40 - 63	1.00	1.60	2.50	1.57 - 2.48	0.039	0.063	0.098
63 - 100	1.30	2.00	3.20	2.48 - 3.94	0.051	0.079	0.126

mm	Tolerance Value (±)			inch	Tolerance Value (±)		
	Level				Level		
	L1 (Precision)	L2 (Commercial)	L3 (Non-critical)		L1 (Precision)	L2 (Commercial)	L3 (Non-critical)
1 - 4.0	0.7	1.0	1.6	1 - 1.6	0.030	0.040	0.060
4.0 - 6.3	0.8	1.3	2.0	1.6 - 2.5	0.030	0.050	0.080
6.3 - 10.0	1.0	1.6	2.5	2.5 - 4.0	0.040	0.060	0.100
10.0 - 16.0	1.3	2.0	3.2	4.0 - 6.3	0.050	0.080	0.130
16.0 - 25.0	1.6	2.5	4.0	6.3 - 10	0.060	0.100	0.160
25.0 - 40.0	2.0	3.2	5.0	10 - 16	0.080	0.130	0.200
40.0 - 63.0	2.5	4.0	6.3	16 - 25	0.100	0.160	0.250
63.0 - 100.0	3.2	5.0	10.0	25 - 40	0.130	0.200	0.400
100.0 - 160.0	4.0	6.3	12.5	40 - 63	0.160	0.250	0.500
160.0 - 250.0	5.0	10.0	16.0	63 - 100	0.200	0.400	0.630
250.0 - 400.0	6.3	12.5	20.0	100 - 160	0.250	0.500	0.800
Above 4000	0.16%	0.32%	0.50%	Above 160	0.16%	0.32%	0.50%