Standard Tolerances for Extruded Rubber Products

Table A: Cross-Sectional Tolerances of Extruded 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

Table B: Cut-Length Secondary Processes Tolerances of Extruded Products								
mm	Tolerance Value (±)				inch	Tolerance Value (±)		
	Level					Level		
	L1 (Precision)	L2 (Commercial)	L3 (Non-critical)			L1 (Precision)	L2 (Commercial)	L3 (Non-critical)
1 - 40	0.7	1.0	1.6		1 - 1.6	0.030	0.040	0.060
40 - 63	0.8	1.3	2.0		1.6 - 2.5	0.030	0.050	0.080
63 - 100	1.0	1.6	2.5		2.5 - 4.0	0.040	0.060	0.100
100 - 160	1.3	2.0	3.2		4.0 - 6.3	0.050	0.080	0.130
160 - 250	1.6	2.5	4.0		6.3 - 10	0.060	0.100	0.160
250 - 400	2.0	3.2	5.0		10 - 16	0.080	0.130	0.200
400 - 630	2.5	4.0	6.3		16 - 25	0.100	0.160	0.250
630 - 1000	3.2	5.0	10.0		25 - 40	0.130	0.200	0.400
1000 - 1600	4.0	6.3	12.5		40 - 63	0.160	0.250	0.500
1600 - 2500	5.0	10.0	16.0		63 - 100	0.200	0.400	0.630
2500 - 4000	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%

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