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## FABRICATION QUALITY PLAN 16

**SCOPE:** COVERS ANY EXTRUDED SOLID RUBBER PART. UNLESS OTHERWISE SPECIFIED, PARTS WILL BE PRODUCED TO RMA CLASS 2 COMMERCIAL TOLERANCES (NON-CRITICAL, SEE TABLE CLASS 3, PRECISION, SEE TABLE CLASS 1)

**MATERIAL:** SPECIFIC RUBBER COMPOUND ORDERED

**HARDNESS:** PARTICULAR FIRMNESS ORDERED AS MEASURED ON SHORE "A" SCALE (+/-5)

**DIMENSIONS:** TOLERANCES AS BELOW UNLESS OTHERWISE SPECIFIED

- 1 TOLERANCES FOR OUTSIDE DIAMETERS, INSIDE DIAMETERS, WALL THICKNESS, WIDTH, HEIGHT, AND GENERAL CROSS SECTION DIMENSIONS OF EXTRUSION:

	<b>COMMERCIAL RMA CL 2</b>	<b>NON-CRITICAL RMA CL 3</b>	<b>PRECISION RMA CL 1</b>
0.00 – 0.10"	+/- .016"	+/- .020"	+/- .013"
0.10 – 0.16"	+/- .020"	+/- .025"	+/- .016"
0.16 – 0.25"	+/- .025"	+/- .030"	+/- .020"
0.25 – 0.40"	+/- .030"	+/- .040"	+/- .025"
0.40 – 0.63"	+/- .040"	+/- .050"	+/- .030"
0.63 – 1.00"	+/- .050"	+/- .063"	+/- .040"
1.00 – 1.60"	+/- .063"	+/- .080"	+/- .050"
1.60 – 2.50"	+/- .080"	+/- 1.00"	+/- .063"

- 2 CUT LENGTH TOLERANCES FOR NORMAL EXTRUSIONS:

	<b>COMMERCIAL RMA CL 2</b>	<b>NON-CRITICAL RMA CL 3</b>	<b>PRECISION RMA CL 1</b>
0.00 – 4.0"	+/- .080"	+/- .125"	+/- .050"
4.00 – 6.3"	+/- .100"	+/- .160"	+/- .063"
6.30 – 10.0"	+/- .125"	+/- .200"	+/- .080"
10.00 – 16.0"	+/- .160"	+/- .250"	+/- .100"
16.00 – 25.0"	+/- .200"	+/- .315"	+/- .125"
25.00 – 40.0"	+/- .250"	+/- .400"	+/- .160"
40.00 – 63.0"	+/- .315"	+/- .500"	+/- .200"
63.00 – 100.0"	+/- .400"	+/- .630"	+/- .250"
100.00 – 160.0"+	+/- .500"	+/- .800"	+/- .315"
161.00+	PER QUOTE	PER QUOTE	PER QUOTE