

Extrusion Manufacturing Cross-Sectional Tolerance Guidelines -Table 6

| Silicone Compound | | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | | |
|-------------------------|----------|----|----------------------------|--------|----------------------------|--------|----------------------------|--------|-----------------------------|--------|------------------------------|--------|-----------------------------|--------|-------------------------|--------|------------------------|--------|
| Color | Hardness | | .040-.125 (1.02-3.18) | | .126-.190 (3.20-4.83) | | .191-.250 (4.85-6.35) | | .251-.300 (6.38-7.62) | | .301-.375 (97.65-9.53) | | .376-.500 (9.55-12.70) | | .501-.750 (12.73-19.05) | | .751-1.000 (1908-2540) | |
| S7442 | Rust | 40 | 0.003 | (0.08) | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.007 | (0.18) | 0.008 | (0.20) | 0.010 | (0.25) | 0.015 | (0.38) |
| S7440 | Rust | 50 | 0.003 | (0.08) | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.007 | (0.18) | 0.008 | (0.20) | 0.010 | (0.25) | 0.015 | (0.38) |
| S7395 | Gray | 60 | 0.003 | (0.08) | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.007 | (0.18) | 0.008 | (0.20) | 0.010 | (0.25) | 0.015 | (0.38) |
| S7426 | Rust | 60 | 0.003 | (0.08) | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.007 | (0.18) | 0.008 | (0.20) | 0.010 | (0.25) | 0.015 | (0.38) |
| S7390 | Blue | 60 | 0.003 | (0.08) | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.007 | (0.18) | 0.008 | (0.20) | 0.010 | (0.25) | 0.015 | (0.38) |
| S7310 | Green | 70 | 0.003 | (0.08) | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.007 | (0.18) | 0.008 | (0.20) | 0.010 | (0.25) | 0.015 | (0.38) |
| S7416 | Rust | 70 | 0.003 | (0.08) | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.007 | (0.18) | 0.008 | (0.20) | 0.010 | (0.25) | 0.015 | (0.38) |
| S7403 | Rust | 80 | 0.003 | (0.08) | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.007 | (0.18) | 0.008 | (0.20) | 0.010 | (0.25) | 0.015 | (0.38) |
| S7443 | Rust | 70 | RMA Class II | | | | | | | | | | | | | | | |
| Fluorosilicone Compound | | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | |
| Color | Hardness | | .040-.125 (1.02-3.18) | | .126-.190 (3.20-4.83) | | .191-.250 (4.85-6.35) | | .251-.300 (6.38-7.62) | | .301-.375 (97.65-9.53) | | .376-.500 (9.55-12.70) | | .501-.750 (12.73-19.05) | | .751-1.000 (1908-2540) | |
| L7230 | Blue | 60 | 0.003 | (0.08) | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.007 | (0.18) | 0.008 | (0.20) | 0.010 | (0.25) | 0.015 | (0.38) |
| L7232 | Green | 70 | 0.003 | (0.08) | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.007 | (0.18) | 0.008 | (0.20) | 0.010 | (0.25) | 0.015 | (0.38) |
| EPDM Compound | | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | |
| Color | Hardness | | .040 to .125 (1.02 - 3.18) | | .126 to .210 (3.20 - 5.33) | | .211 to .275 (5.36 - 6.99) | | .276 to .437 (7.01 - 11.10) | | .438 to .625 (11.13 - 15.88) | | .626 to .750 (15.9 - 19.05) | | in. (mm) | | in. (mm) | |
| E7110 | Black | 55 | 0.005 | (0.13) | 0.005 | (0.13) | 0.007 | (0.18) | 0.010 | (0.25) | 0.012 | (0.30) | 0.015 | (0.38) | | | | |
| E7881 | Black | 60 | 0.005 | (0.13) | 0.005 | (0.13) | 0.007 | (0.18) | 0.010 | (0.25) | 0.012 | (0.30) | 0.015 | (0.38) | | | | |
| E7752 | Black | 70 | 0.005 | (0.13) | 0.005 | (0.13) | 0.007 | (0.18) | 0.010 | (0.25) | 0.010 | (0.25) | 0.010 | (0.25) | | | | |
| E7935 | Black | 70 | 0.005 | (0.13) | 0.007 | (0.18) | 0.010 | (0.25) | 0.013 | (0.29) | 0.016 | (0.40) | 0.020 | (0.50) | | | | |
| E7731 | Black | 75 | 0.005 | (0.13) | 0.005 | (0.13) | 0.007 | (0.18) | 0.010 | (0.25) | 0.010 | (0.25) | 0.010 | (0.25) | | | | |
| E7843 | Black | 75 | 0.005 | (0.13) | 0.005 | (0.13) | 0.007 | (0.18) | 0.010 | (0.25) | 0.010 | 90.25) | 0.010 | (0.25) | | | | |
| E7731 | Black | 80 | 0.005 | (0.13) | 0.005 | (0.13) | 0.007 | (0.18) | 0.010 | (0.25) | 0.010 | (0.25) | 0.010 | (0.25) | | | | |
| E7843 | Black | 90 | 0.005 | (0.13) | 0.005 | (0.13) | 0.007 | (0.18) | 0.010 | (0.25) | 0.010 | 90.25) | 0.010 | (0.25) | | | | |
| Nitrile Compound | | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | |
| Color | Hardness | | .040 to .125 (1.02 - 3.18) | | .126 to .210 (3.20 - 5.33) | | .211 to .275 (5.36 - 6.99) | | .276 to .437 (7.01 - 11.10) | | .438 to .625 (11.13 - 15.88) | | .626 to .750 (15.9 - 19.05) | | in. (mm) | | in. (mm) | |
| N7021 | Black | 70 | 0.005 | (0.13) | 0.005 | (0.13) | 0.007 | (0.18) | 0.008 | (0.20) | 0.009 | (0.01) | 0.010 | (0.25) | | | | |
| N7931 | Black | 70 | 0.007 | (0.18) | 0.008 | (0.20) | 0.010 | (0.25) | 0.013 | (0.34) | 0.016 | (0.40) | 0.020 | (0.50) | | | | |
| N7786 | Black | 80 | 0.005 | (0.13) | 0.005 | (0.13) | 0.007 | (0.18) | 0.008 | (0.20) | 0.009 | (0.01) | 0.010 | (0.25) | | | | |
| N7926 | Black | 90 | 0.005 | (0.13) | 0.005 | (0.18) | 0.007 | (0.18) | 0.008 | (0.20) | 0.009 | (0.01) | 0.010 | (0.25) | | | | |
| Neoprene Compound | | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | |
| Color | Hardness | | .040 to .125 (1.02 - 3.18) | | .126 to .210 (3.20 - 5.33) | | .211 to .275 (5.36 - 6.99) | | .276 to .437 (7.01 - 11.10) | | .438 to .625 (11.13 - 15.88) | | .626 to .750 (15.9 - 19.05) | | in. (mm) | | in. (mm) | |
| C7923 | Black | 70 | 0.005 | (0.13) | 0.008 | (0.20) | 0.010 | (0.25) | 0.013 | (0.34) | 0.016 | (0.40) | 0.020 | (0.50) | | | | |
| C7025 | Black | 80 | 0.007 | (0.18) | 0.007 | (0.18) | 0.007 | (0.18) | 0.010 | (0.25) | 0.016 | (0.40) | 0.020 | (0.50) | | | | |
| Fluorocarbon Compound | | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | | in. (mm) | |
| Color | Hardness | | .040-.80 (1.02-2.03) | | .081-.118 (2.06-3.00) | | .119-.157 (3.02-3.99) | | .158-.210 (4.01-5.33) | | .211-.295 (5.36-7.49) | | .296-.335 (7.52-8.51) | | .336-.393 (8.53-9.98) | | in. (mm) | |
| V7895 | Black | 75 | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.008 | (0.20) | 0.010 | (0.25) | 0.012 | (0.30) | 0.014 | (0.36) | | |
| V7928 | Black | 90 | 0.004 | (0.10) | 0.005 | (0.13) | 0.006 | (0.15) | 0.008 | (0.20) | 0.010 | (0.25) | 0.012 | (0.30) | 0.014 | (0.36) | | |

Note: Fluorocarbon tolerance ranges are based on solid or hollow-O cross-sections. Please contact TechSeal for tolerances on other fluorocarbon profiles or if special tolerances are required.