

Silicone (Premium Grade)

Specifications

January 2011

Description: Specification or Premium Grade Silicone sheeting is used in applications where higher physical properties are required. It is resistant to both high and low temperature extremes, and is commonly used for gasketing solutions in harsh environments.

Compound: Silicone conforming to ZZR-765 CI 2A & 2B Gr 60, AMS3302, ASTM D2000.

Color: Red, Grey, Black

Durometer: 60 +/- 5 is stocked
40, 50 and 70 shore are available upon request.

Temperature Range: -103 F to 500 F

Minimum Tensile: 870 PSI or 6 MPA

Finish: Smooth

Minimum Elongation: 400%

Gauges: 1/32", 1/16", 3/32", 1/8", 3/16", 1/4", 3/8" and 1/2"
(custom gauges available upon request)

(custom gauges available upon request) Pressure Sensitive Adhesive (Tyco 3281A) is available in a standard PSA acrylic (200F continuous 225F intermittent) version and a HTAPSA high temperature acrylic (350F continuous 450F intermittent) version.

Widths: 36" (custom widths up to 60" available upon request)

PSA: Pressure Sensitive Adhesive (Tyco 3281A) is available in a standard PSA acrylic (200F continuous 225F intermittent) version and a HTAPSA high temperature acrylic (350F continuous 450F intermittent) version.

Chemical Resistance: Excellent resistance to UV/Ozone, Acetic Acid, Ammonia Gas (hot and cold), Corn Oil, Fish Oil, Lime Sulfur, Methyl Ether, Ozone, Sodium Sulfate, Tartaric Acid, Vinegar, and many more.

Application: High-Temperature Gasketing, Laboratory Equipment, Chemical Resistance, Low Compression Materials.

Flexibility: This elastomer is available in a wide range of durometers, from soft to hard (35 to 75 shore A), satisfying most commercial needs.

Custom Cuts: In addition to hand fabrication, this product can be fabricated using laser, die, and water-jet cutting. Please submit your drawings for a price quote.

Availability: Made to order.

Thickness	Width	1.5m to 7.3m or 5' min. to 24'	7.6m to 14.9m or 25' to 49'	15.2m to 76.2m or 50' to 250'	76.5m + or 251' +	In Stock
1/32" or 0.8mm	36" or 91.4 cm	\$17.71	\$14.76	\$9.49	\$7.38	✓
1/16" or 1.6mm	36" or 91.4 cm	\$26.95	\$22.46	\$14.44	\$11.23	✓
3/32" or 2.4mm	36" or 91.4 cm	N/A	N/A	\$22.69	\$17.65	Made to Order
1/8" or 3.2mm	36" or 91.4 cm	\$58.52	\$48.77	\$31.35	\$24.38	✓
3/16" or 4.8mm	36" or 91.4 cm	N/A	N/A	\$40.84	\$31.76	Made to Order
1/4" or 6.4mm	36" or 91.4 cm	N/A	N/A	\$56.93	\$44.28	Made to Order
3/8" or 9.5mm	36" or 91.4 cm	N/A	N/A	\$89.93	\$69.94	Made to Order
1/2" or 12.7mm	36" or 91.4 cm	N/A	N/A	\$120.45	\$93.68	Made to Order

All prices quoted above are per linear foot and in USD\$. Minimum order on any stock width is 5'. (55-65 durometer priced above)