

Silicone (Commercial Grade)

Specifications

January 2011

Description: Commercial grade silicone sheeting is used in applications where physical properties are not critical but extreme temperature resistance is necessary. This sheeting makes excellent gasket material, offers both UV and ozone resistance.

Compound: Silicone

Color: Red

Durometer: 55-65

Temperature Range: -103 F to 450 F

Minimum Tensile: 870 PSI or 6 MPA

Finish: Smooth

Minimum Elongation: 300%

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

Widths: 36" (custom widths up to 78" are available upon request)

Roll Length: 25' or 50' depending on thickness.

PSA: Pressure Sensitive Adhesive (Tyco 3281A) is available in a standard PSA acrylic (200F continuous 225F intermittent) version

Chemical Resistance: Excellent resistance to Fungus, Acetic Acid, Ammonia Gas (hot and cold), Corn Oil, Fish Oil, Lime Sulfur, Methyl Ether, Ozone, Sodium Sulfate, Tartaric Acid, Vinegar, and many more. For Silicone's compatibility with your specific medium please consult a Rubber-Cal representative.

Application: High-Temperature Gasketing, Laboratory Equipment, Cost-Conscious Materials, Commercial Chemical Resistance.

Flexibility: This elastomer is available in a wide range of durometers (35-75), however it is stocked in 55-65 Durometer only.

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: Popular gauges are stocked.

Thickness	Width	1.5m to 7.3m or 5' min. to 24'	7.6m to 30.2m or 25' to 99'	30.5m to 152.1m or 100' to 499'	152.4m + or 500' +	In Stock
1/16" or 1.6mm	36" or 91.4 cm	\$13.87	\$9.91	\$7.92	\$6.60	✓
3/32" or 2.4mm	36" or 91.4 cm	N/A	N/A	N/A	\$9.91	
1/8" or 3.2mm	36" or 91.4 cm	\$27.74	\$19.81	\$15.85	\$13.21	✓
3/16" or 4.8mm	36" or 91.4 cm	N/A	N/A	N/A	\$19.81	
1/4" or 6.4mm	36" or 91.4 cm	\$55.47	\$39.62	\$31.70	\$26.42	✓
3/8" or 9.5mm	36" or 91.4 cm	N/A	N/A	N/A	\$39.62	
1/2" or 12.7mm	36" or 91.4 cm	N/A	N/A	N/A	\$52.83	

All prices quoted above are per linear foot and in USD\$. Minimum order on any stocked width is 5'.