

Silicone (FDA Grade)

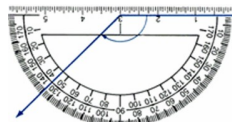
Specifications
March 2008

<u>Description:</u>	This FDA Grade Silicone sheeting is commonly used in applications where food or consumables are present. The ingredients used to make this product are listed in CFR 177. 2600, an FDA regulation dealing with rubber articles intended for repeated use in contact with food. It is resistant to both high and low temperature extremes, and is commonly used for gasketing solutions in harsh environments.
<u>Compound:</u>	Silicone conforming to 21 CFR 177.2600, ASTM D2000
<u>Color:</u>	White
<u>Durometer:</u>	55-65
<u>Temperature Range:</u>	-103 F to 450 F (500 Intermittent)
<u>Minimum Tensile:</u>	870 PSI or 6 MPA
<u>Finish:</u>	Smooth
<u>Minimum Elongation:</u>	300%
<u>Gauges:</u>	1/32", 1/16", 3/32", 1/8", 3/16", 1/4", 3/8" and 1/2" (custom gauges available upon request)
<u>Widths:</u>	36" (custom widths up to 75" available upon request)
<u>PSA:</u>	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. Excellent resistance to 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.
<u>Chemical Resistance:</u>	
<u>Application:</u>	High-Temperature Gasketing, Food Processing, Laboratory Equipment, Chemical Resistance, Low Compression Materials, FDA approved Applications.
<u>Flexibility:</u>	This medium durometer (55-65) sheet rubber offers moderate pliability and elasticity.
<u>Custom Cuts:</u>	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. Silicone FDA is made to order.
<u>Availability:</u>	
<u>Pricing:</u>	All prices quoted below are per linear feet and in USD\$. Minimum order on any width is 50'.

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' +
1/32" or 0.8mm	36" or 91.4 cm	N/A	N/A	\$9.49	\$7.38
1/16" or 1.6mm	36" or 91.4 cm	N/A	N/A	\$14.44	\$11.23
3/32" or 2.4mm	36" or 91.4 cm	N/A	N/A	\$22.69	\$17.65
1/8" or 3.2mm	36" or 91.4 cm	N/A	N/A	\$31.35	\$24.38
3/16" or 4.8mm	36" or 91.4 cm	N/A	N/A	\$40.84	\$31.76
1/4" or 6.4mm	36" or 91.4 cm	N/A	N/A	\$56.93	\$44.28
3/8" or 9.5mm	36" or 91.4 cm	N/A	N/A	\$89.93	\$69.94
1/2" or 12.7mm	36" or 91.4 cm	N/A	N/A	\$120.45	\$93.68

Specifications and/or prices are subject to change without prior notice.
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