



## R-10480 SOFT LOW COMPRESSION SET SILICONE SPONGE

### PRODUCT DESCRIPTION

COHRLASTIC® R-10480 soft silicone sponge rubber is a low compression set closed cell sponge that can be used in most gasketing applications. This material is flexible and compressible and designed for use in extreme temperature ranges, with excellent weatherability, compression set resistance, electrical strength and non stick properties. The R-10480 series was developed as an extremely low compression set silicone sponge material. Saint-Gobain Performance Plastics applies a pressure sensitive acrylic adhesive to one side to offer excellent adhesion properties.

### APPLICATION ADVANTAGES

- Capable of meeting MIL-R-6130 Type II, Grade B,C.
- Standard color is orange/red.
- Excellent compression set resistance and maintains its resiliency even under extended compression.
- Soft density for low compression force.
- Material can be supplied without adhesive on one side or with silicone PSA for high and low temperature resistance, or with acrylic PSA for high bond strength.

### PHYSICAL PROPERTIES \*

Compression Deflection (psi)	(ASTM D-1056)	2-7
Tensile Strength (psi)	(ASTM D-412)	50
Elongation (%)	(ASTM D-412)	75
Compression Set (%)	(ASTM D-1056)	5
Density (lbs./in. )	(D-297 hydrostatic method)	0.012
Water Absorption (%)	(ASTM D-1056)	< 5
Temperature Range (°F)		- 100 - + 500

\*All properties are typical values and should not be used for writing specifications.

### AVAILABILITY

Sheet goods 36" x 36" x 1/8", 3/16", 1/4", 3/8" 1/2"

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**Important Notice To Purchaser:** The following is made in lieu of all warranties, expressed or implied. Seller's and manufacturer's only obligation shall be to replace such quantity of the product found to be defective. Neither seller or manufacturer shall be liable for any injury, loss or damage, direct or con-sequential arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his intended use, and the user assumes all risk and liability whatsoever in connection therewith. The foregoing may not be changed except by an agreement signed by officers of seller and manufacturer.