



R-10470 FIRM

Specification Grade Set Silicone Sponge

Saint-Gobain Performance Plastics R-10470 firm silicone sponge rubber is a specification grade 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.

Typical Properties

Compression Deflection (ASTM D1056) (psi)	16
Tensile Strength (ASTM D412) (psi)	130
Elongation (ASTM D412) (%)	200
Compression Set (ASTM D1056) (%)	15
Density (ASTM D3574) (lbs./in.)	0.025
Water Absorption (ASTM D1056) (%)	<5
Temperature Range (°F)	-100 – +500

Values shown are typical. Certified test reports for writing specifications are available.

Availability

Sheet goods 36" x 36" x 1/16", 1/8", 3/16", 1/4", 3/8".
Special 3/32" is available in sheet goods.

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

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Application Advantages

- Capable of meeting AMS 3196 Closed Cell Specification.
- Capable of meeting MIL-R-6130 Type II, Grade B and C / ASTM D6576 Type 2, Grade B and C / MIL-R-46089 / ASTM D1056 Type 2, Class A and D.
- Standard color is orange/tan. Black is available in specific thicknesses.
- Available with silicone or acrylic adhesive in sheet form.
- UL-recognized weather seal gasket.

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