NORSEAL

Stockwell ELASTOMERICS
215.335.3005 | service@stockwell.com

CLICK HERE TO VIEW ON OUR WEBSITE

R10460

Flame Retardant Silicone Sponge Rubber

Saint-Gobain® **Norseal**® R10460 Medium Grade Silicone Sponge Rubber is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a flame-retardant (UL 94 HB/ V-1 for thicknesses > 11.7 mm) 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.

Norseal R10460 is specially intended to provide the following features:

- Meets UL flammability classification with a (UL 94 HB/ V-1 for thicknesses > 11.7 mm) rating
- UL 157-recognized weather seal gasket
- Capable of meeting AMS 3195 closed-cell specification
- Capable of meeting MIL-R-6130 Type II Grade A, B and C/ASTM D6576 Type 2, Grade A, B and C, ASTM D1056 Type 2, Class A, D. Contact plant for specific grades
- DMS1980 Grade 2
- Meets FDA 21 CFR 177.2600

APPLICATIONS

- Ovens seals
- Electric meters
- Military enclosures

Available Sizes

Thickness in. (mm)	.063 (1.59)	.094 (2.38)	.125 (3.18)	.188 (4.76)	.250 (6.35)	.375 (9.53)	.500 (12.7)
Continuous roll 36 in. (914 mm)	•	•	•	•	•	–	–
Sheets 36 in. × 36 in. (914 mm × 914 mm)	•	•	•	•	•	•	•

SAINT-GOBAIN

Norseal R10460 Properties

(Formerly known as COHRlastic® R10460)
Performance tests are run using standard test procedures.
The values presented are typical values and should not be used for specification purposes.

Property	Test Method	Typical Value
Compression Deflection: psi (kPa)	ASTM D1056	10 (70)
Elongation: %	ASTM D412	125%
Tensile Strength: psi (kPa)	ASTM D412	75 (518)
Compression Set: %	ASTM D1056	5%
Density: lbs./ ft.^{3} (kg/m^3)	ASTM D3574	29 (470)
Water absorption: %	ASTM D471	<5%
Operating Temperature: (°F)	–	-100 to +500
Color	–	Dark Blue/Gray

Options (subject to minimum order requirements)

Acrylic or silicone pressure-sensitive adhesive (PSA) available in sheet format only.

Important Instructions

- Because **Saint-Gobain** cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions prior to commercial use.
- When using PSA option, surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface. Do not remove liner until tape is in proper position. avoid touching adhesive surface before application.
- Recommended service temperature of base sponge is -100°F to 500°F (-73°C to 260°C).

Shelf Life

120 months from date of shipment for base material when stored in original packaging at temperatures up to 70°F (21°C), < 50% relative humidity, and away from direct sources of heat and direct sunlight. (See the applicable data sheets for pressure sensitive adhesive options).

SAINT-GOBAIN

TAPE SOLUTIONS
North America | South America
Europe | Asia
For more information, please visit
tapesolutions.saint-gobain.com

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to your actions or inactions, including your use, design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: This document should not be considered a warranty or a guarantee. The descriptions of the Product provided hereinabove may vary based on specifications requested and testing protocols. Typically, Saint-Gobain warrants that product(s) will meet mutually agreed specifications at delivery and Saint-Gobain honors any breach of warranty claims for six (6) months from delivery of the products. If a product is determined to be nonconforming with its warranty, Saint-Gobain's sole obligation is, at its option, to either replace the nonconforming products or reimburse the purchase price for the same.

The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE.

Form #1349 | © Saint-Gobain April 2025 | All the mentioned trademarks are registered trademarks of Saint-Gobain Tape Solutions or affiliates, part of Saint-Gobain group.