



R10470F – Firm, General Purpose Silicone Sponge Rubber

R10470F firm silicone sponge rubber is a general purpose, 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.

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 / Meets ASTM D1056 Type2, Class A, B, C 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.

Typical Properties

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|---|-------------|
| Compression Deflection (ASTM D1056) (psi) | 16 |
| Tensile Strength (ASTM D412) (psi fabric break) | 130 |
| Elongation (ASTM D412) (%) | 200 |
| Compression Set (ASTM D1056) (%) | 25 |
| Density (ASTM D3574) (lbs/in) | 0.025 |
| Water Absorption (ASTM D1056) (%) | <5 |
| Temperature Range (F) | -100 - +500 |
| <i>Values shown are typical. Certified test reports for writing specifications are available.</i> | |

Availability

Available widths for **R10470F**: 36"

Available lengths for **R10470F**: 25yd min. (continuous yard goods) and 1yd (sheet goods)

Available thicknesses for **R10470F**: 1/16", 3/32", 1/8", 3/16", 1/4", 3/8"

Available with Silicone or Acrylic Adhesive.

Limited Warranty: For a period of 6months from the date of first sale, Innate of WI, Inc. 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). Innatec of WI, Inc. 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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