

## R-10490 FLUOROSILICONE SPONGE

### PRODUCT DESCRIPTION

COHRlastic® R-10490 medium silicone sponge rubber is a fluorosilicone 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. R-10490 is often chosen as the material of choice for applications containing oils and fluids that will degrade normal Elastomers.

### APPLICATION ADVANTAGES

- Capable of meeting MIL-R-6130 TYPE II, GRADE A (Physical properties).
- Standard color is blue.

### PHYSICAL PROPERTIES \*

Compression Deflection (psi)	(ASTM D-1056)	9-15
Tensile Strength (psi)	(ASTM D-412)	125
Elongation (%)	(ASTM D-412)	125
Compression Set (%)	(ASTM D-1056)	15
Density (lbs./in. )	(D-297 hydrostatic method)	0.020
Water Absorption (%)	(ASTM D-1056)	< 5
Temperature Range (°F)		-80 - +400

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

### AVAILABILITY

Sheet size 36" x 36".

Thickness includes: 1/16", 3/32", 1/8", 3/16", 1/4", 3/8".

Special order only, contact customer support for price, delivery and minimums.

® REGISTERED TRADEMARK, Saint-Gobain Performance Plastics (Formerly FURON)

**Important Notice to Purchaser:** *The following is made in lieu of all warranties, expressed or implied. Seller's and manufacturers only obligation shall be to replace such quantity of the product found to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential 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.*