



## R-10470 MEDIUM GENERAL PURPOSE SILICONE SPONGE

### PRODUCT DESCRIPTION

COHRLASTIC® R-10470 medium silicone sponge rubber is a general purpose closed cell silicone 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 3195 closed cell specification.
- Capable of meeting MIL-R-6130 type II, grade B&C, MIL-R-46089, Boeing BMS1-23. and Douglas DMS1597.
- Standard color is orange / tan. Black and gray are available in specific thicknesses.
- UL recognized JMST2 for use as weather seal gaskets in lighting fixtures. Meets UL 1570, 1571 and 1572.

### PHYSICAL PROPERTIES \*

Compression Deflection (psi)	(ASTM D-1056)	6-14
Tensile Strength (psi)	(ASTM D-412)	90
Elongation (%)	(ASTM D-412)	200
Compression Set (%) **	(ASTM D-1056)	25
Density (lbs./in. <sup>3</sup> )	(D-297 hydrostatic method)	0.014 to 0.020
Water Absorption (%)	(ASTM D-1056)	< 5
Temperature Range (°F)		-100 - + 500

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

\*\* Compressed 50% for 22 hours at 100°C with 24 hour recovery.

### AVAILABILITY

Sheet goods 36" x 36" 1/32", 1/16", 1/8", 3/16", 1/4", 3/8" 1/2"

Continuous length 36" wide. 1/32", 1/16", 1/8", 3/16"

Special 3/32" is available in both sheet and continuous length.

### ® REGISTERED TRADEMARK

**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.