



COHRLASTIC 500 SOLID SILICONE RUBBER

PRODUCT DESCRIPTION

COHRLastic® 500 is a general purpose Shore "A" 50 durometer solid silicone rubber manufactured in 36" x 36" molded sheets. This material offers the benefits of high & low temperature resistance, excellent release characteristics and excellent compression set resistance. Other benefits associated with this material include extreme long life, gasket reliability and non-toxicity. CHR general purpose silicone rubber is often the elastomer of choice for applications that involve high heat and pressure.

APPLICATION ADVANTAGES

- Capable of meeting ZZ-R-765, Class 2A & 2B Grade 50.
- Capable of meeting specification AMS-3302.
- Long service life, Excellent thermal properties.
- Chemically inert, fungus resistant, ozone / UV resistant.

PHYSICAL PROPERTIES *

Durometer	(SHORE A, ASTM D-2240)	50
Tensile Strength	(PSI, ASTM D-412)	700
Elongation	(%, ASTM D-412)	350
Tear Strength	(PPI, ASTM D-624 DIE B)	70
Compression Set	(%, 70 HOURS @ 302°F ASTM 395,B)	15
Dielectric Strength	(VOLTS/MIL (appr.))	500
Thermal Conductivity	(BTU, in/hr.ft.²°F)	1.3
Temperature Range	(°F)	-100 - +500
Colors		red, black, grey

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

AVAILABILITY

COHRLastic 500 is manufactured in 36" x 36" molded sheets. Standard thicknesses include: 1/32", 1/16", 1/8", 3/16", 1/4", 5/16", 3/8", 1/2". Special order thickness available: 3/32".

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.