



COHRLASTIC 700 SOLID SILICONE RUBBER

PRODUCT DESCRIPTION

COHRLastic® 700 is a general purpose Shore "A" 70 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 70.
- Capable of meeting specification AMS-3304.
- Long service life, Excellent thermal properties.
- Chemically inert, fungus resistant, ozone / UV resistant.

PHYSICAL PROPERTIES *

Durometer	(SHORE A, ASTM D-2240)	70
Tensile Strength	(PSI, ASTM D-412)	700
Elongation	(%, ASTM D-412)	160
Tear Strength	(PPI, ASTM D-624 DIE B)	60
Compression Set	(%, 70 HOURS @ 302°F ASTM 395,B)	15
Dielectric Strength	(VOLTS/MIL (appr.))	500
Thermal Conductivity	(BTU, in/hr.ft.²°F)	1.5
Temperature Range	(°F)	-100 - +500
Color		red

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

AVAILABILITY

COHRLastic 700 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".

® REGISTERED TRADEMARK
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