



70 Durometer Solid Silicone Rubber

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 and 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. **700** 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 and 2B Grade 70/A-A-59588A Class 2A and 2B grade 70.
- Capable of meeting specification AMS-3304.
- Long life service.
- Excellent thermal properties.
- Chemically inert, fungus resistant, ozone/UV resistant.

Typical Properties

Durometer (ASTM D-2240) (Shore A)	70
Tensile Strength (ASTM D-412) (psi)	700
Tear Strength (ASTM D-624 Die B) (ppi)	60
Elongation (ASTM D-412) (%)	160
Compression Set (%, 70 hours@302F, ASTM 395, B)	15
Dielectric Strength (appr.) (volts/mil)	500
Thermal Conductivity(BTU, in./hr.ft.(2) F)	1.3
Temperature Range (F)	-100 to +500
Color	Red
<i>Values shown are typical. Certified test reports for writing specifications are available.</i>	

Availability

700 is manufactured in 36" x 36" molded sheets. **9070** is manufactured in 36" x LY continuous yard goods.

Available thicknesses for **700**: 1/32", 1/16", 3/32", 1/8", 3/16", 1/4", 5/16", 3/8", 1/2"

Available thicknesses for **9070**: 1/32", 1/16", 3/32", 1/8"

Limited Warranty: For a period of 6 months 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). Innate 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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