

# COHRLastic® 9255

## Solid Silicone Rubber

Saint-Gobain Performance Plastics COHRLastic® 9255 is a high performance Shore "A" 50 durometer solid silicone rubber manufactured 36" wide in continuous length rolls. 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, excellent tensile strength and superior tear resistance. SGPPL high performance silicone rubber is often the elastomer of choice for applications that involve high heat and pressure. COHRLastic 9255 is often used in vacuum blankets that require blanket memory and resistance to cut through.

### Typical Properties

|  |             |
|--|-------------|
| Durometer (ASTM D2240) (Shore A)                       | 50          |
| Tensile Strength (ASTM D412) (psi)                     | 1200        |
| Tear Strength (ASTM D624 Die B) (ppi)                  | 160         |
| Elongation (ASTM D412) (%)                             | 600         |
| Compression Set<br>(%, 70 hours@302°F, ASTM 395, B)    | 30          |
| Dielectric Strength (appr.) (volts/mil)                | 500         |
| Thermal Conductivity (BTU, in./hr.ft. <sup>2</sup> °F) | 1.3         |
| Temperature Range (°F)                                 | -100 – +500 |
| Color  | Gray        |

Values shown are typical. Certified test reports for writing specifications are available.

### Availability

COHRLastic 9255 is manufactured in continuous length form. Standard thicknesses available include: 1/32", 1/16", and 1/8". 3/32" can be ordered as special request items; please contact customer service for price and delivery, as well as for minimum order quantities.

**Limited Warranty:** For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics Corporation 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). SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

**NOTE:** Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.

### Application Advantages

- Capable of meeting ZZ-R-765, Class 3B Grade 50/ A-A-59588A Class 3B Grade 50.
- Capable of meeting specification AMS-3347.
- Long service life.
- Excellent thermal properties.
- Chemically inert, fungus resistant, ozone/UV resistant.

**Saint-Gobain Performance Plastics Corporation**  
14 McCaffrey St.  
Hoosick Falls, New York 12090-0320  
**Customer Service: (800) 962-2666**  
Tel: (518) 686-7301  
Fax: (800) 562-8479, (518) 686-4840

[www.fff.saint-gobain.com](http://www.fff.saint-gobain.com)

COHRLastic is a registered trademark.  
©2007 Saint-Gobain Performance Plastics Corporation  
AFF-1361-PDF-0607-SGCS