

# COHRLastic® 9040

## Solid Silicone Rubber

Saint-Gobain Performance Plastics COHRLastic® 9040 is a general-purpose Shore "A" 40 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. SGPPL general-purpose silicone rubber is often the elastomer of choice for applications that involve high heat and pressure.

### Typical Properties

Durometer (ASTM D-2240) (Shore A)	40
Tensile Strength (ASTM D-412) (psi)	900
Tear Strength (ASTM D-624 Die B) (ppi)	80
Elongation (ASTM D-412) (%)	500
Compression Set (%, 70 hours@302°F, ASTM 395, B)	15
Dielectric Strength (volts/mil)	500
Thermal Conductivity (BTU, in./hr.ft. <sup>2</sup> °F)	1.3
Temperature Range (°F)	-100 – +500
Color	Red

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

### Availability

COHRLastic 9040 is manufactured in continuous length form. Standard thicknesses available include: 1/32", 1/16", and 1/8". 3/32" can be ordered as a special request.

**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.

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### Application Advantages

- Capable of meeting ZZ-R-765, Class 2A and 2B Grade 40.
- Capable of meeting specification AMS-3301.
- Long service life, excellent thermal properties.
- Chemically inert, fungus resistant, ozone/UV resistant.

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