Industrial Silicone Rubber

Solid Silicone Sheet
Silicone Sponge Sheet

1-888-814-6599
www.nationalsilicone.com
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Who we help

We are an industrial product brand by GCP. We supply industrial converters and distributors with commercial silicone rubber products. We help them achieve the best combination of performance, cost, and product availability.

Distribution

» With stocking warehouses in Columbus OH, Santa Ana, CA, and Houston, TX we have one of the largest inventories of silicone sheet products in the US.

Converters & distributors buy from us when

1. They need a solid silicone sheet that excels in all general purpose and commercial applications.

2. Require a cellular silicone sheet that is either soft, medium or firm density.

3. Want to purchase cellular silicone sheet that has either a fabric or smooth surface finish.

4. Wish to purchase in either small or container quantities.

5. Want access to one of the largest inventories of silicone rubber in North America.

6. Would like to diversify their silicone supplier base.
Solid Silicone Sheet

Commercial Grade
Thickness: 1/16” to 1/2”
Typical length: 50’ to 100’
Typical width: 36” to 72”
Surface finishing: Smooth
Standard Color: Red/orange
Other colors available

Food Grade
Thickness: 1/16” to 1/2”
Typical length: 50’ to 100’
Typical width: 36” to 72”
Surface finishing: Smooth
Standard Color: White
Other colors available

ZZ-R Grade
Thickness: 1/16” to 1/2”
Typical length: 50’ to 100’
Typical width: 36” to 59”
Surface finishing: Smooth
Standard Color: Red/orange
Other colors available

<table>
<thead>
<tr>
<th>Commercial Grade Solid Sheet Physical Properties</th>
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<tbody>
<tr>
<td><strong>Hardness</strong></td>
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<tr>
<td>Tensile Strength, min psi</td>
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<tr>
<td>Elongation, min% %</td>
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<tr>
<td>Tear Strength (Die C), min ppi</td>
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<tr>
<td>Specific Gravity, typical g/cm3</td>
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<tr>
<td>Low Working Temp °F</td>
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<tr>
<td>High Working Temp °F</td>
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» Our solid silicone sheet compounds contain industry leading silicone polymer content. More solid specifications including Food Grade and ZZ-R found online at www.nationalsilicone.com.

Silicone Sponge Sheet

Soft / Medium / Firm Density

Thickness: 1/16” to 1/2”
Typical width: 36”
Typical length: 25’ to 100’
Surface finishing: Fabric or Smooth
Color: Red/orange, grey, black, etc.

<table>
<thead>
<tr>
<th>Medium Density Silicone Sponge Physical Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compression Deflection (25%)</strong> psi</td>
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<tr>
<td><strong>Density &lt; 0.25” Thick</strong> pcf</td>
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<tr>
<td><strong>Density ≥ 0.25” Thick</strong> pcf</td>
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<tr>
<td><strong>Compression Set (22h, 100°C)</strong> %</td>
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<tr>
<td><strong>Tensile Strength</strong> psi</td>
</tr>
<tr>
<td><strong>Elongation</strong> %</td>
</tr>
<tr>
<td><strong>Low Temperature Brittleness</strong> °F</td>
</tr>
</tbody>
</table>

» Produced in world-class facilities with complete traceability and an ISO quality management team. More sponge specifications including soft and firm density found online at www.nationalsilicone.com.
Get in touch with us

Phone: 1-888-814-6599
Email: silicone@nationalsilicone.com
Web: www.nationalsilicone.com

Contact a distributor

Rubberite Cypress Sponge
Phone: 714-546-6464
Web: www.cypresssponge.com

Stigall Industrial Products
Phone: 800-242-2594
Web: www.stigallindustrial.com

What makes us different

100% Quality: Our customers rely on an uninterrupted supply of quality consistent silicone materials in order to keep their customer base happy, and machines running smoothly. As a result, in 2018 we delivered 100% quality to our customers of commercial silicone. Hence, no customer claimed any credits for the purchases they made.

Focus on Industrial B2B: With our end users ranging from the largest OEM’s in the world to small independents, our focus of delivering on quality, price and competitiveness has been critical to the success of our material in the industrial marketplace.

We Build Mutually Beneficial Relationships: A key ingredient in our relationships is they must be mutually beneficial. Consequently, one side can’t consistently win or lose. It’s a give and take bond where both sides have the opportunity to grow and prosper over the long-term.