Silicone Sponge Foam - Closed Cell - Roll & Sheet
Low Thermal Conductivity Insulation
428°F / 220°C: DeltaMax™ High Temperature & Heat Resistant

- Thermal insulation sponge. Available in .250” and .500” thick (+/- .025).
- General purpose sponge is red in color. UL94 V-0 flame resistant is grey in colour.
- Compression deflection at 25% is 12.5 psi.
- Water absorption is 5% maximum, typically 1% measured.
- Thermal conductivity 0.110 W/mK.
- Specific Gravity 0.5
- Operating temperature -50°C to 230°C
- Compression set at 100°C (22 hours) - <20%
- Tensile Strength >100psi
- Elongation - >300%
- Ply adhesion to > 3 lbs/in
- Total mass loss, 125°C, 24 hrs, vacuum - <1%
- Tensile strength retention (250°C 3 days) - >70%
- Elongation retention (250°C 3 days) - >30%

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Thickness in / mm</th>
<th>Color</th>
<th>Roll Width * in / cm</th>
<th>Roll Length ft / m</th>
<th>Price per Roll / Sheet</th>
</tr>
</thead>
<tbody>
<tr>
<td>IM-DM-R-4</td>
<td>.250</td>
<td>Red</td>
<td>46</td>
<td>116.84</td>
<td>$call / $call</td>
</tr>
<tr>
<td>IM-DM-R-8</td>
<td>.500</td>
<td>Red</td>
<td>42</td>
<td>106.68</td>
<td>$call / $call</td>
</tr>
<tr>
<td>IM-DM-G-UL94-4</td>
<td>.250</td>
<td>Grey</td>
<td>46</td>
<td>116.84</td>
<td>$call / $call</td>
</tr>
<tr>
<td>IM-DM-G-UL94-8</td>
<td>.500</td>
<td>Grey</td>
<td>42</td>
<td>106.68</td>
<td>$call / $call</td>
</tr>
</tbody>
</table>

* Useable width is typically 2 inches less than roll width

Rolls are cut into Sheets: Sheet dimensions; .250” thick is 44” x 84” / .500” thick is 40” x 84”