Silicone Inflatable Seal Profile 49.2mm x 20.9mm  
Product Code: RC-IS3069

|-------------------|-----------------------------|

![Diagram of the seal profile]

**Measurements:**

<table>
<thead>
<tr>
<th>Height</th>
<th>Inflated Height</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>20.9mm</td>
<td>49mm</td>
<td>49.2mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Minimum Pressure</th>
<th>Recommended Pressure</th>
<th>Maximum Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 PSI</td>
<td>20 PSI</td>
<td>25 PSI</td>
</tr>
</tbody>
</table>

The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.
## Technical Data

**Properties** | **Values**
---|---
Hardness (Shore A) | 60° +/- 5°
Density | 1.16 kg/m³
Tensile Strength | 10 MPa
Elongation at Break | 450%
Operating Temperature | -70°C to +200°C
Compression Set | 35%

**Properties** | **Values**
---|---
ASTM Designation (ASTM D14/18) | VMQ
Tensile Strength | >1200
Hardness (Shore A) | 60°
Tear Resistance | D
Abrasion Resistance | E
Compression Set | B
Cold Resilience | A
Heat Resilience | A
Radiation Resistance | C
Impermeability To Gases | D

**Properties - Resistance** | **Values**
---|---
Swelling In Lubricating Oil | E
Oil and Gasoline | D
Animal Oils | C
Water Absorption | A
Oxidation | A
Ozone | A
Sunlight Aging | A
Heat Aging | O
Low Temperature | O
Flame | D
Vegetable Oils | E
Chlorinated Hydrocarbons | E to D

**Properties - Acid Resistance** | **Values**
---|---
Mild Dilute | A
Strong Concentrate | D
Solvent Resistance | -
Aplihatic Hydrocarbons | E
Aromatic Hydrocarbons | E
Oxygenated (Keytones, etc) | E

A = Exceptional, B = Very Good, C = Good, D = Fair, E = Poor