

SILONA Red 1200mm x 8mm 60ShA FDA

Product SKU: 1001523

Silicone offers many advantages over other forms of elastomers. It is well known for its use in food, pharmaceutical and other clean industry applications. Sold in linear meter lengths. Available with pressure sensitive adhesive backing and fabrication service to create gaskets or strips - please call us for more information.

Colour: Red

Material: Silicone

Operating temperature range: -60°C to 230°C

FDA Standard 21 CFR 177.2600, BFR XV, EU 1935/2004, WRAS, FAR 25/ JAR 25 /CS 25 Horizontal Flammability Tests and Automotive Standard Part 571MVSS302, REACH and RoHS.



| Physical Property | Test Method | Units | Typical Values |
|----------------------------|----------------|------------------------------------|--------------------|
| Hardness | ASTM D412 | ShA | 60 |
| Elongation at Break | ASTM D412 | % | 400 |
| Tensile Strength | ASTM D412 | MPa | 10 |
| Tear Resistance | ASTM D412 | kN/m | 22 |
| Compression Set 24hrs @150 | | % | 13 |
| Brittle Point | ASTM D746 | °C | -80 |
| Thermal Conductivity | VDE 0304 | W.m ⁻¹ .K. ¹ | 0.24 |
| Limiting Oxygen Index | BS 2782 Part 1 | % | 24 |
| Radiation Resistance | | Grays | >105 |
| Dielectric Strength | VDE 0303 | kV.mm-1 | 23 |
| Dielectric Constant | VDE 0303 | | 2.9 |
| Dissipation Factor | VDE 0303 | | 3x10 ⁻⁴ |
| Volume Resistivity | VDE 0303 | ohms.cm | 3x10 ¹⁵ |

Although the technical details and recommendations made correspond to the best of our knowledge and experience, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use Polymax products must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product. All sales subject to our standard terms www.polymax.co.uk/sales-terms