

SILOCELL High Temp Silicone Sponge Sheet 1000mm x 2mm

Product SKU: 3044242

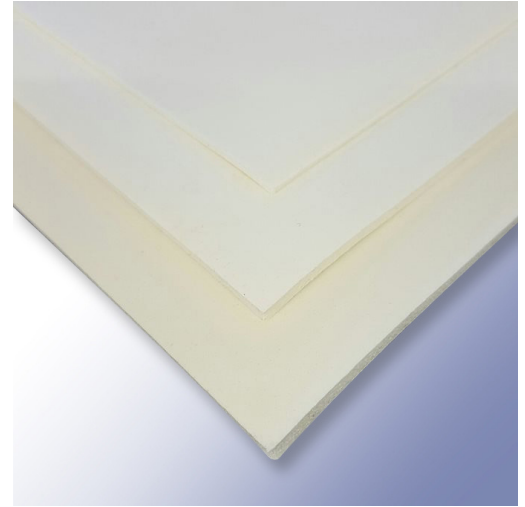
This high temperature silicone sponge with stand up to 300°C intermittently.

Colour: White

Material: Silicone

Operating temperature range: -60°C to 270°C

FAR 25/ JAR 25 /CS 25 Horizontal Flammability Tests, Automotive Standard Part 571MVSS302, REACH and RoHS.



| Physical Property | Test Method | Units | Typical Values |
|----------------------------|----------------|------------------------------------|--------------------|
| Hardness | ASTM D412 | ShA | 9.7 |
| Elongation at Break | ASTM D412 | % | 148.9 |
| Tensile Strength | ASTM D412 | MPa | 0.44 |
| Tear Resistance | ASTM D412 | kN/m | |
| Compression Set 22h @ 70°C | | % | 0.6 |
| 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 |
| Water Absorption | ASTM D1056 | % | <5 |

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