

## SILOCELL White 1000mm x 15mm

**Product SKU: 1001646**

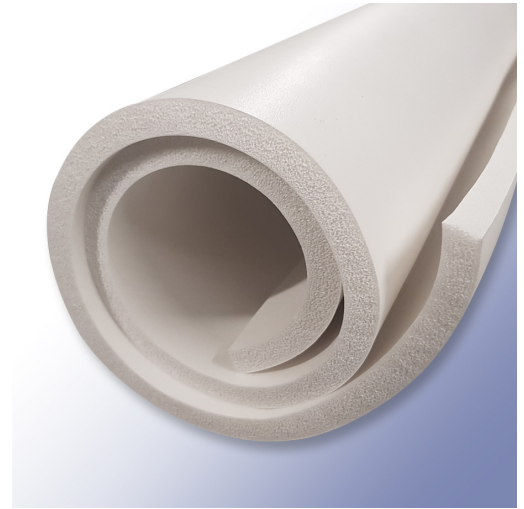
*Expanded closed cell silicone sponge offers many of performance benefits of solid silicone in a softer and more compliant form. Other densities available but may be subject to minimum order quantities.*

**Colour: White**

**Material: Silicone**

**Operating temperature range: -40°C to 200°C**

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                                | 5                  |
| Elongation at Break           | ASTM D412      | %                                  | 145                |
| Tensile Strength              | ASTM D412      | MPa                                | 0.6                |
| Tear Resistance               | ASTM D412      | kN/m                               |                    |
| Compression Set 50% 25hrs @70 |                | %                                  | 3.8                |
| Brittle Point                 | ASTM D746      | °C                                 | -80                |
| Thermal Conductivity          | VDE 0304       | W.m <sup>-1</sup> .K. <sup>1</sup> | 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 <sup>-4</sup> |
| Volume Resistivity            | VDE 0303       | ohms.cm                            | 3x10 <sup>15</sup> |
| Water Absorption              | ASTM D1056     | %                                  | <5                 |

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