

## SILOCELL Silicone Sponge Sheetting

*Polymax silicone sheets are available in 1 metre widths and can be bought in a 10 metre roll or cut to varying lengths of full 1 metre. Colours include; white, red oxide and black and come in a range of thicknesses between 1.5mm and 30mm and also varying densities.*

### Approvals

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

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

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
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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