

SILOCELL Silicone Sponge Sheetting (250 kg.m⁻³)

Premium quality closed cell silicone sponge with low water absorption. 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. Other densities are available from 200kg.m⁻³ to 550kg.m⁻³.

Product Details

- Approvals: FAR 25/ JAR 25 /CS 25 Horizontal Flammability Tests and Automotive Standard Part 571MVSS302, REACH and RoHS.
- Other Approvals: White colour is WRAS approved for use in contact with drinking water up to 85°C. With correct design can provide dust ingress protection up to IP65 standard.
- Temperature Range: -60°C to 230°C

Physical Properties	Test Method	Units	Typical Values
Density	ASTM D3574	kg.m ⁻³	250
Hardness	ASTM D412	ShA	5
Elongation at Break	ASTM D412	%	145
Tensile Strength	ASTM D412	MPa	0.6
Compression Set 50% 25hrs @70°C		%	12
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	>10 ⁵
Water Absorption	ASTM D1056	%	<5

Roll sizes:	10m X 1m wide												5m X 1m	1m X 1m		
THICKNESS (mm)	1.5	2	2.5	3	3.5	4	5	6	7	8	10	12	15	20	25	30
TOLERANCE (±mm)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.75	0.75	0.75	0.8	1.0	1.5	2.0	2.5	2.5

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