

Metal Detectable Silicone Sponge Sheetting

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

Approvals

FAR 25/ JAR 25 /CS 25 Horizontal Flammability Tests, Automotive Standard Part 571MVSS302 and IP65.

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

Physical Property	Test Method	Units	Typical Values
Hardness	ASTM D412	ShA	12
Elongation at Break	ASTM D412	%	214
Tensile Strength	ASTM D412	MPa	1.47
Compression Set 22h @ 70°C		%	5
Brittle Point	ASTM D746	°C	-80
Thermal Conductivity	BS 874 Part 2	W.m ⁻¹ .K. ¹	6.4x10 ⁻²
Limiting Oxygen Index	BS 2782 Part 1	%	24
Radiation Resistance		Grays	>105
Magnetic Pull		mm	5.7

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