

SILOCELL Dark Grey 1000mm x 2mm

Product SKU: 1001628

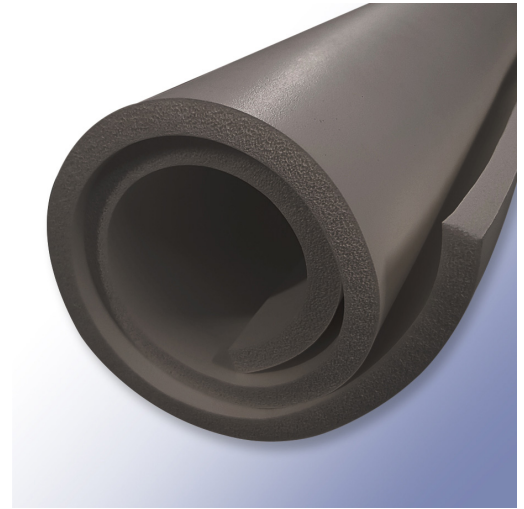
Expanded closed cell silicone sponge offers many of performance benefits of solid silicone in a softer and more compliant form. Other densities available but may be subject to minimum order quantities.

Colour: Dark Grey

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 ⁻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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