

Electrically Conductive Silicone Sheet

Description:

Electrically Conductive Grade Silicone is designed to be used in many different applications. It is a carbon filled silicone material that will act as a low amperage conductor and also provides protection against electrostatic discharge.

Available in Standard Rolls 500mm wide x 10 metre long.

Thicknesses available:

0.2mm, 0.3mm, 0.5mm, 0.8mm, 1.0mm, 1.5mm, 2mm
2.5mm, 3mm
6mm, 8mm
10mm

Tolerances:

±0.2mm
±0.3mm
±0.4mm
±0.5mm

Colour:

Black

PHYSICAL PROPERTIES	UNIT	VALUE	TEST METHOD
Density	g/cm ³	1.25 (±0.5)	
Hardness	Shore A	65 (±0.5)	GB/T531.1-2008
Tensile Strength	MPa	≥ 5.5	GB/T528-2007
Elongation	%	≥ 280	GB/T528-2007
Tear Strength	KN/m	≥ 15	GB/T529-2009
Surface Resistivity	Ω	100-200	
Volume Resistivity	Ω.cm	45.3	GB/T 2439-2001
Temperature Range	°C	-40 to +200	

Dimensional Tolerances: are typically class 3 as standard, unless otherwise stated. Class 2 and Class 1 tolerances on request, in most instances.

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