

Description

CE-SCS is an electrically conductive Silicone based material loaded with silver plated copper particles. It is formulated for the production on flat sheet, moulded components and simple extruded profiles.

The Silicone rubber provides optimum performance to the action of oxidizing agents, both under static and dynamic conditions and it offers excellent environmental sealing whilst providing optimum protection against galvanic corrosion in salt spray environments. It also has excellent resistance to aging from UV and weather conditions.

Technical Data

Colour	Tan/Grey
Density	3.2 gcm ⁻³
Hardness	65 Shore A
Volume resistivity	<0.0009Ω.cm
Tensile strength	240 psi
Elongation	280% Min
Tear B	45%
Service temperature range	-60°C to 220°C
Shielding Effectiveness 20MHz to 10GHz	>120