ELECTROLUBE
THE SOLUTIONS PEOPLE

SCP
Silver Conductive Paint

SCP provides a thin, smooth, adherent, flexible film of high electrical conductivity that can be applied on a variety of substrates, including plastics, paper, wood, textiles, glass, ceramics and metals. It can be applied by brushing, spraying, dipping, or a pencil and dries quickly at room temperature. SCP is suitable for PCB design and repair, mark sensing e.g. on recording tapes, screening plastic housings against high frequency fields, earthing strips, connections to non-solderable surfaces, electroplating pre-coats, contact surfaces, potentiometer tracks, etc.

- Thin film only required; economic in use
- Good electrical conductivity and low surface resistivity
- Excellent adhesion to wide range of materials
- Cures at room temperature

Typical Properties

Appearance	Grey Liquid
Silver content	45%
Carrier	Solvent Blend
Viscosity @ 25°C	70 mPa s
Density @ 20°C	1.44 g/ml
Surface Resistance @ 0.6 to 2 g/100cm^2	0.01 to 0.03 Ohms/sq
Electrical Rating	0.1 to 1 W/cm^2
Drying time @ 20°C	10 minutes
Temperature Range	-80°C to +125°C
Flash Point	12°C

Description	Packaging	Order Code	Shelf Life
Silver Conductive Paint	3g Bottle	SCP03B	24 months
	26g Bottle	SCP26G	24 months
	50g Bottle	SCP50G	24 months
	1kg bulk	SCP01K	24 months

Directions for Use

Shake or stir the product thoroughly before use. Ensure surface to be coated is clean, dry and free from oil, grease or dirt. Replace cap securely after use to avoid evaporation of the solvents. Use Electrolube CPL after application to prevent oxidation or formation of silver compounds and to prevent mechanical damage.

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All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

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