

SCPE Silver Conductive Adhesive

SCPE is a new generation silver conductive adhesive which is specifically designed for display modules in cell phones and tablets. SCPE is suitable for high speed automatic dispensing, the fast curing adhesive meets the demands for high throughput applications. The cured adhesive has excellent electrical conductivity and good adhesion to ITO screens.

- Good adhesion to ITO
- Excellent electrical conductivity
- No permeation with polaroid
- Suited to high speed automatic dispensing; fast curing

Approvals	RoHS Compliant (2015/863/EU):	Yes
Typical Properties	Colour:	Grey
	Density @ 20°C (g/ml):	1.6
	Viscosity @ 20°C (cps):	7,000
	Cure time @ 20°C:	10 minutes
Cured Properties	Temperature Range (°C):	-50 to +125
	Volume Resistance (Ω/cm):	13 x 10 ⁻⁴

Typical Applications

SCPE has good adhesion to ITO surfaces and is suited for use on LCD and LCM screens. SCPE is specifically designed for high throughput, automated dispensing applications to draw lines against a polarising film. SCPE can be used to release static electricity from the polarising film in LCM manufacture. After heat and humidity testing SCPE does not permeate through the polarising film.

<u>Description</u>	<u>Packaging</u>	<u>Order Code</u>	<u>Shelf Life</u>
<u>Silver Conductive Adhesive</u>	10 ml Cartridge	ESCPE10S	6 Months

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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.

Ashby Park, Coalfield Way,
Ashby de la Zouch,
Leicestershire LE65 1JR

T +44 (0)1530 419 600

F +44 (0)1530 416 640

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Certificate No. FM 32082