

SCPH Silver Conductive Adhesive

SCPH has been designed for use during the manufacture of display modules for mobile/smart phones, tablets and many other electronic products. It exhibits excellent electrical conductivity and good adhesion to a vast array of substrates, including those critical to the LCD and LCM markets.

- Excellent electrical conductivity; passes the RA test (1000hours, 85°C and 85% RH)
- Fast curing; suitable for application via high speed automatic dispenser
- Good adhesion to ITO and CF substrates; ideal for the manufacture of display modules
- Non-halogen and Sb free; can be stored under standard ambient conditions

Approvals	RoHS-2 Compliant (2011/65/EU):	Yes
Typical Properties	Appearance:	Grey viscous fluid
	Density @ 20°C (g/ml):	1.6
	Viscosity (spindle #4, 20rpm - mPa s @20°C):	6000
	Flash Point (Closed Cup):	34°C
	Touch Dry Time @ 20°C:	10 Minutes
	Temperature Range:	-50°C to +125°C
	Volume Resistance:	4 to 13x10 ⁻⁴ Ω-cm

<u>Description</u>	<u>Packaging</u>	<u>Order Code</u>	<u>Shelf Life</u>
Silver Conductive Adhesive	10 ml Syringe	SCPH10S	6 months

Directions for Use

The product can be applied using a high speed automated dispenser and is fast curing at standard ambient temperatures. SCPH can be stored in ambient conditions, however low temperature (0-10°C) storage would be ideal.

Application

SCPH is specially designed for LCD and LCM fields. SCPH can be used with typical coating materials found in the market; SCPH will not be dissolved by TUFFY coating materials and therefore can be coated with TUFFY, which greatly simplifies the process and improves production efficiency.

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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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