Maintenance and Service Aids

Technical Data Sheet





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SCPHSilver 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 Compliant (2015/863/EU):	Yes
Typical Properties	Appearance: Density @ 20°C (g/ml): Viscosity (spindle #4, 20rpm - mPa s @ 20°C): Flash Point (Closed Cup): Touch Dry Time @ 20°C: Temperature Range: Volume Resistance:	Grey viscous fluid 1.6 6000 34°C 10 Minutes -50°C to +125°C 4 to 13x10-4 Ω-cm

<u>Description</u>	<u>Packaging</u>	Order Code	Shelf Life
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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