

TECHNICAL SPECIFICATION DATASHEET

Product Name: Silver Conductive Paste

Product Series: SILVER-PASTE

Packing Size: 10gm, 50gm, 100gm, 1kg and as per request

➤ Electrically Conductive Paste

A silver-loaded conductive paste specially produced for application in Scanning electron microscopy (SEM) and other electron-optical applications can also work for manufacturing or repairing PCB track to paste-on an electrical screen, or to make electrical connections to non-solderable surfaces. This conductive adhesive is easy to use with a brush and is touch-dry in around 10 minutes and useful in 30 minutes.

Specifications	Remarks
System	PU One Component Air Dry
Density	1.80±2
Adhesion	Excellent to most plastic substrates
Thinner	Aromatic hydrocarbon
Curing Time	One hour at 27±2° C surface dry and Touch dry after 4 hours 27±2° C
Self-Life	6 Months Unopened
Particle Size	1-3 microns
Viscosity	4-5 Pa.s
Capillarity properties	Solvent-based so wetting to glass steel nylon(polymers)

Features:

- Excellent electrical conductivity and low surface resistivity
- The Volume resistivity 0.001 Ω cm when entirely taught
- Warming at 120°C for 5 to 10 mints, later drying enhances mechanical and electrical properties
- Exceptional adhesion to a variety of materials
- Cures at room temperature
- Comfortable & Economical in use
- Simple to use and quick-drying

Specification:

Applicator Type – Brush, Spatula

Cure Time – 30 min

Applications:

- Electrical & Electronics

Directions for Use:

- Shake or stir the product thoroughly before use (Since metal tends to settle down) to get the best result and conductivity. The client may apply paste/paint by brush, spray, dip technology, or any means, so it dries quickly at room temperature.
- The silver conductive paint can be applied through a spray or brush coating system using a silver powder-fine mesh in a PU organic medium. It is also used as a conductive agent developed in RFI & EMI shield for plastic electronic equipment's housings.

Techinstro assures the above specification and dimensions of the product as per datasheet. We ensure the quality of the product with moisture proof packing. This sheet is also available on the website, where a researcher or purchaser can also download it merely by clicking on the pdf link. The terms and condition for the product purchase mentioned in the quotation. For safe product storage, tips and procedure provided with the material. For more queries, contact our technical support.