



POLYCHEM

UV/EB INTERNATIONAL CORP.

Solvent Based Silver Conductive Adhesive

Product Code: Screen Printable Silver Conductive Adhesive #JY2313-A (+)

Description:

This ink is a thermo cure type silver conductive adhesive. It is easy to print and provides highly conductivity, excellent bending resistance and bonding strength to various substrates, including metals, PET film and paper.

Specifications:

Appearance: Silver Paste

Silver/Total Metal Content: 67 +/- 5 %

Viscosity: 8,000 +/- 3,000 cps @ 30 C (Brookfield #52 Spindle @ 10 rpm):

Electric Conductivity:

Four Pin Method: 5~8 x 10 E-4 ohm.cm (typical value)

Adhesion:

Cross Hatch Tape Test on PET: 100/100

Hardness:

Pencil Hardness: HB

Recommended Substrates:

For various metals, PET, various plastics, and paper.

Applications:

Electronics

How to Use:

- (1). Clean the surface of the substrates by acetone or IPA.
- (2). Mixing the silver adhesive thoroughly and take out of needed amount.
- (3). Apply or print (180-250 mesh polyester screen) the silver adhesive on the substrates.
- (4). Cure at 110 C x 20 to 30 min.

Clean Up Method:

If contacted with skin, use soap and flush with water.

Package:

10 g, 50 g, 250 g, 1 kg.

Shelf Life and Recommend Storage Conditions:

Stored in a dark and cool place. Always keep cap closed.

Shelf life: 6 months from the date of manufacturing

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