

Silver Paste

AF-130LTP-6(A) or AF-130 LTP-6 Laser Etching

Silver conductive adhesive AF-130 LTP-6(A) or AF-130 LTP-6 is a thermosetting polyester resin and chemical Silver powder are uniformly dispersed of the silver, conductive adhesive of one liquid type. Have a good heat resistance and adhesion on the PET Film and ITO Film and ITO Glass surface,It is suitable use at Laser Etching. Good cutting workability with low power. (Printing can use as L/S 70/70, For laser L/S 20 to 30 μ) can co-workability.

☆ Main Features

1. Using senior high boiling solvent, and there has continuous good printing on the film . Solvent is not likely to be volatile. There will not appear Pin Hole, a stable balance of high performance conductive film (After cured film thickness is 6-8 μ)
2. Good laser process ability (L/S= 20/20 ~L/S =50/50) Possibility of fine circuit .For screen printing is suitable use at L/S 70/70 μ)
3. Silver powder particles and the resin(resin binder) have a dispersed uniformly into the base binder resin, and is excellent in the conductivity and adhesiveness.

☆ Major Characteristics

	AF-130 LTP-6(A) or AF-130 LTP-6	
Appearance	Viscosity of silver gray colloid	Visual Inspection
Viscosity	450 ~ 600 dPa · s at 25°C	Viscotester VT-04F
Curing Conditions	135°C ~ 150°C × 30分	Box 乾燥機
Adhesion	100 / 100 PET / ITO 100 / 100 Glass / ITO	Cross Cut · Peeling
Hardner	≥2H	鉛筆硬度測試器
Resistance Value	10 ⁻⁵ Ω-cm	
Reliability Test	Good	85°C85%RH/500hr

This above data are experimental values obtained at our labo, And no warranty is implied.

☆ **Safety and Notes for Handling**

- : Please use as original Paste is recommended. For dilution, please use the special thinner [Ethyl Carbitol Acetate].
- : Please stir enough before using and after mixing solvent.
- : In the usage of printing screen 350 to 500 mesh. Recommended use as Tetron or stainless material. Emulsion thickness is 5 to 10 μ m is more appropriate.
- : Since the curing conditions depend on the substrate used, please set the curing conditions (135-150 $^{\circ}$ C/ 30min)by referring to the above Major characteristics.
- : For cleaning the screen could use a cellosolve or ester base solvent and other is Acetone.
- : In handling this product, please wear protective clothes as well as installing full ventilation system
- : Shelf life is 4 months(at under 25 $^{\circ}$ C)

Contact: Selmag Enterprise Co Ltd

Tel: 02-2918-9913 Attn: Eliza Hu Ext.11 E-mail: elizahu@selmag.com.tw Mobile: 886-0938-120-186