

conductive silver paste DH2503

LB2503 Conductive Silver Paste, is a new developed slow drying solidified silver paste. It is made of super fine silver powder and low temperature solidified thermo plastics rosin for silk-screen printing. It can be widely used for membrane switches, flexible circuitry and materials like PET, PE, PVC with high electrical conductivity, good screen printability, better oxidizing resistance and very good hardness and adhesion ability.

THE INDEX OF PHISICAL PROPERTIES

stuff	silver
solid content (Wt%)	58-65
density (g/cm ³)	2.2-2.4
Viscosity (pa.s 25℃)	200-300
coverage (cm ² /g) (depend on film thickness)	100-200
sheet resistance ($m\Omega/\square/25.4\mu m$)	<25
adhesion (3M 600 tape, pull vertically)	no material removal
hardness	≥2H
flexibility (1mm in width, 2kg ×180°deflexed)	$\Delta R \leq 2.0\Omega$
operation temperature (℃)	<70

APPLICATION GUIDELINES

Substrates	PET,PC
Screen Type	200-300 mesh polyester or stainless steel
Thinner	If needed thinner,not more than 2%
Typical Drying Procedure (Suggestion)	IR Tunnel: 135 ℃ ,2 minutes
	Oven: 100 ℃ ,10 minutes
Clean-Up Solvent	Cyclo Hexanone
Storage	Room temperature
Packing	1.00KG in plastic jar

NOTICE

DH-2503 conductive silver paste contains organic solvents. Handle it with adequate ventilation to avoid over-breathing of vapor. Wash immediately with water and soap if contacting with skin.