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120-31

UV CURABLE ANTISTATIC INK

DESCRIPTION: 120-31 is an electrically conductive ink and coating suitable for screen-printing. This product features excellent adhesion to Print Treated Polyethylene, Print Treated Polypropylene and a variety of other substrates. Unlike conventional conductive materials, this product is curable using ultra violet radiation. Some uses for 120-31 include, but are not limited to, electrostatic disipation and anti-static applications.

TYPICAL CURED PROPERTIES:

Viscosity (cps)	5,000
Filler	Carbon
Crease Resistance	Excellent
Volume Resistance (ohm-cm)	5,000
Sheet Resistivity (ohm/sq./mil)	2 million
Solderable	No
Hydrolytic Stability	Excellent

SUGGESTED HANDLING & CURING: 120-31 is ready to use as supplied. Store at room temperature in an opaque container to maintain consistent flow properties. Cure using one or two 300 watt/inch mercury vapor lamps. Speed of cure will vary depending upon available energy. Typical cure time ranges from several seconds to several minutes when work is positioned 2 to 6 inches from lamp. Faster curing can be accomplished by moving lamp closer to work. Always apply material in very thin layers to insure complete curing.

STORAGE: Shelf life: 6 months at 25°C

SAFETY & HANDLING: Use with adequate ventilation. Keep away from sparks and open flames. Avoid prolonged contact with skin and breathing of vapors. Wash with soap and water to remove from skin.