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124-22C

ANISOTROPIC CONDUCTIVE EPOXY ADHESIVE

DESCRIPTION: 124-22C is a pre catalyzed, solvent-resistant, anisotropic conductive ink, coating and adhesive. This product features excellent adhesion to Kapton, Mylar, glass, polycarbonate and a variety of other substrates. Unlike conventional conductive materials, this product is very resistant to methyl ethyl ketone. It is also very resistant to scratching and creasing. Applications for 124-22C include, but are not limited to, conductive splicing of ribbon cables, PTF circuits, and electrical attachment of surface mounted devices. This product is useful in application where shorts between closely spaced contacts is a concern.

POT LIFE: 4 days.

TYPICAL CURED PROPERTIES:

Volume Resistivity (Ω -cm)	
(X, Y Axis)	1×10^{12}
(Z Axis)	0.0001
Consistency	Smooth paste
Hydrolytic Stability	Excellent
Useful Temperature Range ($^{\circ}$ C)	-55 to +200
Thermal Stability ($^{\circ}$ C)	Good to 325

CURE SCHEDULE:

80 $^{\circ}$ C	4 Hours
100 $^{\circ}$ C	1 Hour
125 $^{\circ}$ C	20 Min.

STORAGE: Shelf life: 12 months at -10 $^{\circ}$ 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.

All technical information is based on data obtained by CMI personnel and is believed to be reliable. No warranty is either expressed or implied with respect to suitability in particular application or possible infringements on patents.

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