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**124-22A/B119-44**

**ANISOTROPIC CONDUCTIVE EPOXY ADHESIVE**

**DESCRIPTION:** 124-22A/B119-44 is a two component, 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 124-22A/B119-44 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.

	<u>Part A</u>	<u>Part B119-44</u>
Appearance:	Tan	Light Yellow
Consistency:	Paste	Liquid
Mix Ratio (by weight):	100	2.0
Pot Life:	-----	4 Days

**MIXING INSTRUCTIONS:** Premix Part A in original container prior to adding curing agent. Add Part B to Part A and mix until uniform.

**TYPICAL CURED PROPERTIES:**

Volume Resistivity ( $\Omega$ -cm)	
(X, Y Axis)	$1 \times 10^{12}$
(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 25 $^{\circ}$ 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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