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**121-04 A/B**

**RED, SEMIFLEXIBLE, EPOXY, ADHESIVE/POTTING COMPOUND**

**DESCRIPTION:** 121-04 A/B is a red, semiflexible, low exotherm, two component, epoxy adhesive, potting and encapsulating compound. Product is designed to release entrapped air rapidly during cure, resulting in a smooth, pinhole free surface. This product provides excellent mechanical and thermal shock resistance, as well as exceptional adhesion to metal surfaces. 121-04 A/B is useful in potting stress sensitive devices.

	<u>Part A</u>	<u>Part B</u>	<u>Mixture</u>
Appearance:	Red	Off White	Red
Viscosity (cps.):	80,000	20,000	70,000
Mix Ratio (By Weight):	1.0	1.0	----
Gel Time (10.0 gram mass @ 100°C):			10 minutes

**MIXING INSTRUCTIONS:** Premix Part A and Part B in original container before mixing.

**CURING GUIDE:**

Full Cure: 24 hrs @ 25°C or  
1 hour @ 100°C

**TYPICAL CURED PROPERTIES:**

Specific Gravity	1.44
Hardness (Shore D)	65
Coef. of Therm. Exp. (in/in °C x 10 <sup>-5</sup> )	10.5
Therm. Cond. (cal-cm/cm <sup>2</sup> -sec-°C)	0.00078
Tensile Strength (psi)	2800
Moisture Absorption (%)	0.8
Dielectric Strength (volts/mil)	375
Volume Resistivity (ohm-cm)	1 x 10 <sup>14</sup>
Power Factor (60 HZ)	0.028
Dielectric Constant (60 HZ)	4.3

*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 results or possible infringements on patents.*

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