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GPC 352-1A/B-187

ELECTRICALLY CONDUCTIVE EPOXY ADHESIVE

DESCRIPTION: GPC 352-1A/B-187 is a two part, heat curing, silver filled epoxy adhesive. System is designed to be used for making electrical and mechanical attachments on electrical components and devices. Unlike typical heat curing systems, this product always results in excellent conductivity and is less sensitive to handling and ambient conditions.

	<u>Part A</u>	<u>Part B</u>
Appearance:	Silver	Light Yellow
Consistency:	Paste	Liquid
Mix Ratio (by weight):	100	3.0
Pot Life:	----	> 4 hours

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

CURING INSTRUCTIONS: Best results are obtained when product is cured at one of the following schedules:

16 hours @ 65°C
90 mins @ 80°C or
60 mins @ 100°C or
30 mins @ 125°C or
15 mins @ 150°C

TYPICAL CURED PROPERTIES:

Volume Resistivity, max. (Ω -cm)	0.0005
Silver Content (%)	73
Water Absorption (%)	< 0.06
Tensile Strength (psi)	11,200
Solvent Resistance	Excellent
Solderable	No
Specific Gravity	3.1

STORAGE: Shelf life: 12 months at 25°C, in unopened, unmixed containers.

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 implied or expressed with respect to results or possible infringements on patents.

REVISION DATE: 8/30/00 REVISION: A