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## 122-01(P)

### POLYIMIDE COATING

**DESCRIPTION:** 122-01(P) is a single component, electrically insulating, solvent strippable, polyimide based, ink and coating suitable for application by screen-printing, dipping and syringe dispensing. This product is designed for use on electrical and electronic components where high temperature stability is required. The low CTE and high flexibility allow for good adhesion and low stress when exposed to high temperatures. 122-01(P) is a flexible version of CMI 122-01.

#### TYPICAL PROPERTIES:

Viscosity (cps)	16,000
Glass Trans. Temp. (°C)	> 300
Dielectric Strength (V/mil)	> 5,000
Coefficient of Thermal Expansion (ppm)	29
Hydrolytic Stability	Excellent
Moisture Absorption (%)	< 0.9
Useful Temperature Range (°C)	-55 to +350
Thermal Stability (°C)	Good to +410
T-Shear Strength (psi)	> 1,500
Weight Loss (% , 1000 hours @ 300°C)	< 2

**SUGGESTED HANDLING & CURING:** 122-01(P) is ready to use as supplied. Apply material to surface to be bonded by hand and/or automatic method and assemble. Apply slight pressure to assure good mating of surfaces and formation of file. Best properties for most applications result when cured for 30 minutes at 150°C followed by 30 minutes at 250°C. Good properties are obtained on a variety of substrates by curing at temperatures ranging from 80°C to 250°C. **For removal our 102-03 solvent is recommended.** You may also use NMP for stripping the 122-01(P). End user is advised to experimentally determine temperature and time best suited for individual applications.

**STORAGE:** Shelf Life: 1 year when stored at 25°C or less. Storing at higher temperatures may advance the resin.

**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 results or possible infringements on patents.*

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