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## 128-31

### HIGH DIELECTRIC CONSTANT INK

**DESCRIPTION:** 128-31 is a screen-printable high dielectric constant ink, and coating. This product features excellent adhesion to ITO (Indium Tin Oxide) sputtered surfaces, Kapton®, Mylar®, glass and a variety of other surfaces. Unlike conventional materials, this product is very resistant to flexing, and creasing.

#### TYPICAL CURED PROPERTIES:

Viscosity (cps)	15,000 – 20,000
Crease Resistance	Excellent
Dielectric Constant	~ 10
Useful Temperature Range (°C)	-55 to +230
Thermal Stability (°C)	Good to 325

**SUGGESTED HANDLING & CURING:** 128-31 is ready to use as supplied. Further thinning may be accomplished by adding small amounts of CMI #124-13 thinner. Prior to using, be certain to resuspend filler. Best properties, for most applications, result when cured for 30 minutes 175°C. Good properties are obtained on a variety of substrates by dry and curing at temperatures ranging from 50°C to 175°C.

**STORAGE:** Shelf Life - 3 months at 25°C or 12 months at - 10°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 a particular application or possible infringements on patents.*

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