



Creative Materials, Inc.
12 Willow Road
Ayer, MA 01432

T 978.391.4700
F 978.391.4705

128-49

HIGH DIELECTRIC CONSTANT INK

DESCRIPTION: 128-49 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)	~ 40,000
Crease Resistance	Excellent
Dielectric Constant	60
Useful Temperature Range (°C)	-55 to +120
Thermal Stability (°C)	Good to 200

SUGGESTED HANDLING & CURING: 128-49 is ready to use as supplied. Further thinning may be accomplished by adding small amounts of CMI #113-12 thinner. Prior to using, be certain to resuspend filler. Best properties, for most applications, result when cured for several minutes at 175°C. Good properties are obtained on a variety of substrates by dry and curing at temperatures ranging from 50°C to 175°C. End user is advised to experimentally determine temperature and time best suited for individual applications.

STORAGE: Shelf Life - 12 months at 25°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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