



Creative Materials, Inc.  
141 Middlesex Road  
Tyngsboro, MA 01879

T 978.649.4700  
F 978.649.2040

## 125-09

### RADIO OPAQUE INK

**DESCRIPTION:** 125-09 is a radio opaque ink/coating for application by screen printing, dipping and syringe dispensing. The product features excellent adhesion to Kapton, Mylar, glass and a variety of other substrates. Unlike conventional conductive materials, this product is very resistant to abrasion, scratching, flexing and creasing. Some applications for 125-09 include, but are not limited to, manufacturing of medical devices and instruments.

#### **TYPICAL PROPERTIES:**

Viscosity (cps)	Paste
Percent Filler (cured)	> 95
Crease Resistance	Excellent
Hydrolytic Stability	Excellent
Useful Temperature Range (°C)	-55 to 200

**SUGGESTED HANDLING & CURING:** 125-09 is ready to use as supplied. Further thinning may be accomplished by adding small amounts of CMI thinner #102-03, and/or #113-12. Prior to use, be certain to mix well to re-suspend filler. **Best properties**, for most applications, result when cured several minutes at 170°C to 180°C. Excellent properties are also obtained on a variety of substrates by 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: 6 months at 25°C; or 9 months at 5°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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