



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

www.creativematerials.com

ISO 9001 CERTIFIED

T 978.391.4700
F 978.391.4705

125-09TS

RADIO OPAQUE INK

DESCRIPTION: 125-09TS 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 125-09TS include, but are not limited to, manufacturing of medical devices and instruments. 125-09TS is a thermosetting version of 125-09T.

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: 125-09TS is ready to use as supplied. Further thinning may be accomplished by adding small amounts of CMI thinners 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: ≤ 4 weeks at 25°C; or 6 months at -10°C; or 12 months at -40°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.

REVISION DATE: 11/29/17 REVISION: A