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## 128-26

### THERMALLY CONDUCTIVE SILICONE ADHESIVE AND ENCAPSULANT

**DESCRIPTION:** 128-26 is a pourable, thermally conductive, silicone adhesive and potting compound suitable for application by stamping, screen printing, stencil printing, and syringe dispensing. This product features excellent adhesion to Kynar, Kapton, Mylar, glass, and a variety of other surfaces and is very resistant to flexing and creasing. Some applications for 128-26 include but are not limited to potting and encapsulation of stress-sensitive components, thermal management, and low-stress bonding applications.

#### **TYPICAL CURED PROPERTIES:**

Color	Gray
Viscosity (cps)	60,000
Lap Shear Strength (MPa)	0.2
CTE (ppm/°C)	80
Thermal Conductivity (W/m-K)	3.4
Crease Resistance	Excellent
Hydrolytic Stability	Excellent
Useful Temperature Range (°C)	-55 to +230
Thermal Stability (°C)	Good to +280

**HANDLING & CURING:** 128-26 is ready to use as supplied. Further thinning may be accomplished by adding small amounts of 113-12, xylene, or terpineol. Best properties, for most applications, result when cured for 60 minutes at 150°C. Good properties are obtained on a variety of substrates by dry and curing at temperatures ranging from 50°C to 180°C. End user is advised to experimentally determine temperature and time best suited for individual applications.

**STORAGE:** Shelf life: 9 months at 0°C; or 12 months at -10°C.

**SAFETY & HANDLING:** Contains flammable solvents. 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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