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**COOL-GREASE
 CGR8010-XT**

**Non Curing
 Electrically Conductive
 Interfacial Compound**

IDEAL FOR:

- EMI Seal
- Thermal Interface
- Electrical Interface

DESCRIPTION:

CGR8010-XT is a silver filled, ULTRA-HIGH thermally conductive paste. The non-curing nature of this electro-conductive thermal grease makes it ideal as an interfacial compound for extreme thermal and electrical transfer for power devices. It is non-silicone based for long-term non-drying applications.

AVAILABILITY:

CGR8010-XT is available in syringes for automatic needle dispense applications or in jars.

APPLICATION PROCEDURES:

- (1) Dispense adhesive onto clean substrate.

TYPICAL PROPERTIES*

Electrical Resistivity	<5x10 ⁻³ ohm-cm
Tensile Elongation (%)	N/A
Current Carrying Capability	> 10 Amp/mm ²
Cured Density (gm/cc)	5.0**
Thermal Conductivity	>90 Btu-in/hr-ft ² -°F >12.9 W/m-°C
Linear Thermal Expansion Coeff. (ppm/°C)	Non-curing
Maximum Continuous Operation Temp. (°C)	150
Avg. Viscosity(0.5 rpm, 24°C) (Brookfield DV-1, spindle CP51)	118,000 cp

* Properties given are typical values and not intended for use in preparing specifications. The user is advised to evaluate the product in the manner the product is intended to be used in manufacturing and in the final product.

CURE SCHEDULES:

<u>Temperature</u>	<u>Time</u>
**Non-Curing	

SHELF LIFE:

<u>Storage temperature</u>	<u>Shelf Life</u>
25°C	1 yr

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