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**ELECTROGREASE
 ELGR8501**

**Non Curing
 Electrically Conductive
 Interfacial Compound**

IDEAL FOR:

- EMI Seal**
- Reworkability**

DESCRIPTION:

ELGR8501 is a reworkable, silver filled, thermally conductive paste. The non-curing nature of this Electrogrease makes it ideal as an interfacial compound for thermal and electrical transfer for power devices.

AVAILABILITY:

ELGR8501 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/mm²
Cured Density (gm/cc)	4.0
Thermal Conductivity	>60 Btu-in/hr-ft²-°F >8.6 W/m-°C
Linear Thermal Expansion Coeff. (ppm/°C)	Non-curing
Maximum Continuous Operation Temp. (°C)	150

* 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 in jars
-40°C	1 yr in syringes

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