

## ELBALUBES 1605 NON- SILICONE HEAT SINK COMPOUND

ELBALUBES 1605 is a non-silicone based, metal oxide filled compound that is an effective transporter of thermal energy. Heat Sink Compound – Non Silicone can be used on diodes, transistors, heat sinks, semi-conductors, thermostats, power resistors and radiators. It is presented in a handy to use syringe 30 ml size cover a wide variety of applications. This syringe allows pin-point application and minimizes wasteful over-application. Its effectiveness results from the ability to fill the interstitial spaces that exist between two coupled surfaces. Since air is a poor conductor of heat, by essentially filling the voids with a pliable, thermally stable compound, thermal energy is more efficiently conveyed from the heat source to the sink.

### TYPICAL PROPERTIES

Color	White
Appearance	Smooth
Density, 25°C	2.4 g/cc
Thermal Conductivity	0.0023 Cal/sec/cm/°c
Thermal Resistance	0.03 °C-Inch <sup>2</sup> /Watt
Dielectric Strength	350V/mil
1.27 mm gap	

### ADVANTAGES :

- ▶ ElbaLubes Syringe Presentation
- ▶ Wide Operating Temperature
- ▶ Suitable for many applications
- ▶ Excellent Thermal Conductivity Rapid Heat Dissipation
- ▶ Non-Toxic
- ▶ Dry-Out or Melt, Will not harden
- ▶ High dielectric strength/not electrically conductive
- ▶ Will not short components

### SAFETY:

**ELBALUBES 1330 EC** does not contain hazardous ingredients. If fumes are generated at elevated temperatures, ventilation is required. See the Material Safety Data Sheet for additional safety related information on the grease.

