KANO LABORATORIES LLC

TECHNICAL DATA SHEET
SUPER LUBE® HEAT SINK THERMALLY CONDUCTIVE COMPOUND March 2025

PRODUCT DESCRIPTION:

Super Lube® Heat Sink Thermally Conductive Compound is blended with thermally conductive, fine metal oxide powders.

Super Lube® Heat Sink Thermally Conductive Compound will not harden, dry out or melt.

Super Lube® Heat Sink Thermally Conductive Compound aids in the efficient transfer of heat away from electronics and electrical components, including CPUs or other heat generating elements and mechanical heat sinks.

Super Lube® Heat Sink Thermally Conductive Compound has superior anti-seize qualities to prevent galling, seizing, and corrosion, as well as lubricating to ease disassembly.

FEATURES:

- High dielectric constant
- High dissipation factor
- Extends life of heat sensitive electrical parts
- Adheres to metal surfaces
- Wide temperature range
- Excellent heat transfer efficiency
- Low Bleed
- Viscosity stable
- Superior heat conductive quality
- Thermally stable
- Will not react to rubber or plastic

TYPICAL APPLICATIONS:

- Facilitate the transfer of heat from an electrical device to the heat sink or chassis
- Semiconductors
- Thermocouple wells
- Power Diodes
- Automotive electrical applications (i.e. alternator, regulators and rectifiers)
- Transistors
- Anti-seize lubricant to ease disassembly
- To fill surface imperfections on CPU to prevent air pockets and enhance heat transfer

24 DaVinci Drive, P.O. Box 405, Bohemia NY, 11716
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PACKAGE SIZES:

Part No.	Description
98003	3 oz. Tube
98050	5 lb. Pail
98030	30 lb. Pail

PROPERTIES:

Test	Rating
Color:	White paste
Temperature Range:	-40°F to 500°F (-40°C to 260°C)
Specific gravity:	1.2
Dielectric Constant:	4.93
Consistency:	250-310 mm/10
Evaporation Rate:	< 0.1%
Water Washout:	1.5 wt. %
Thermal Conductivity:	2.174 watts/meter K (PLTL-73)

DIRECTIONS:

- Clean and dry area to be treated.
- Apply compound to base of device case to ensure complete bond between device and heat sink or chassis.
- Re-apply as necessary.

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SHELF LIFE / WARRANTY:

Super Lube® products have a five (5) year recommended shelf life when stored in the original container and in reasonable ambient conditions. The warranty period is twenty-four (24) months from the date of purchase. For complete information visit www.super-lube.com/what-is-the-shelf-life-ezp-320.html.

See Safety Data Sheet (SDS) for further details regarding safe use of this product.

Made in USA

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