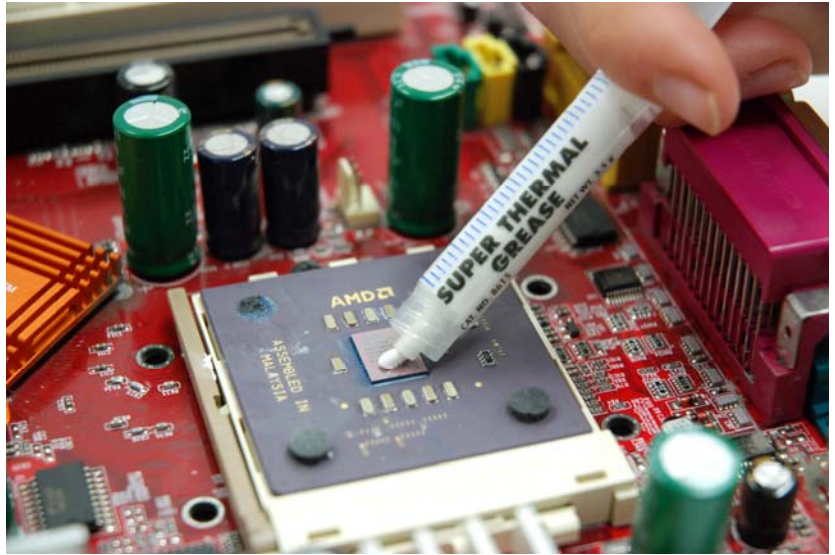


Super Thermal Grease

Designed for use with heat sinks to effectively dissipate heat generated by electronic devices and circuitry. Ideally used to cool CPUs (when over clocking), chipset and graphics cards.

Formulated with Boron Nitride, this grease gives super high thermal conductivity without the capacitance issue associated with silver filled greases.



Key Features:

- Thermal conductivity of 3.0 w/(m·k)
- Contains no silicone or metal particles
- Pigmented with Boron Nitride particles
- Maximum operating temperature of 150 °C / 302 °F

It is important to properly cool your system for maximum reliability and to prevent premature failure.

Heat sinks alone are not entirely effective at keeping your system efficiently cooled do to the imperfections on the surface of your circuitry and the heat sink. See flash demonstration on our website, http://www.mgchemicals.com/techsupport/860_demo.html

The use of our Super Thermal Grease will assist the heat sink to provide you with superior heat dissipating ability.

Specifications

Typical properties:

Test Method

Phase:		Highly viscous
Base:		Blend of Synthetic Fluids
Odor:		Odorless
Color:		White
Specific Gravity:		1.2 g/L
Flash point:		165 °C
Autoignition temp.:		> 315 °C
Solubility in water:		Insoluble
VOC:		Zero
Vapor Density:		> 5 (Air =1)
RoHS complaint:		Yes
Corrosiveness		Non-Corrosive



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ISO 9001 Registered Quality System Burlington, Ontario, Canada QMI Certificate # 004008

Thermal Properties		
Thermal conductivity	ASTM D5470	in W/mK
Temperature in °C		
50		2.97
100		2.98
150		3.00
Thermal limits		
Peak		-40 °C to +150 °C
Long term		-15 °C to +125 °C

Electrical Properties		
Dielectric Strength (Tested at 1 MHz @ ambient condition)	ASTM D150	170 Volts/mil
Dielectric Constant (Tested at 1 MHz)	ASTM D150	4.2
Dissipation Factor (Tested at 1 MHz)	ASTM D150	0.001
Volume Resistivity (Tested at ambient condition)	ASTM D257	1.2 X 10 ¹² Ohms·cm

Available Sizes

Catalog Number	Sizes Available	Description
8615	3.5 gram (0.12 oz)	Syringe