

Technical Data Sheet

Product Description

Sometimes referred to as heat sink compound, thermal paste or thermal interface material (TIM), thermal grease is a thermally conductive material used to connect a heat source to a thermal spreading device. With its excellent performance and flexibility, EverTherm Silicone Free Thermal Grease can be used in a variety of thermal applications such as heat sinks. Our Silicone Free EVAG Series Thermal Grease improves a system's overall thermal conductivity and effectiveness.

EverTherm Silicone Free Thermal Grease is a paste like compound that will not dry out over time and can be applied with ease. EverTherm EVAG Silicone Free Thermal Grease is often used in CPU, GPU and other chip components which require a high performing thermal compound with low outgassing properties.



Applications

- ✓ Where low outgassing is critical
- ✓ Space and Satellite
- ✓ Medical instruments
- ✓ High frequency microprocessor
- ✓ Notebook and desktop computers
- ✓ Cloud server networks
- ✓ Power adapter
- ✓ Power Amplifiers
- ✓ LED lighting products



EVAG560 Series SILICONE FREE Thermal Grease

Properties of products	EVAG560-10	EVAG560-20	EVAG560-30	EVAG560-40	Test Criteria
Color	White	White	Gray	Gray	Visual
Viscosity 25°C	150K cps	200K cps	250K cps	300K cps	Brookfield RVF,#7
Density g/cm ³	2	2.2	2.4	2.6	***
Applicate Temperature° F/°C	-45 to 130°C	-45 to 130°C	-45 to 130°C	-45 to 130°C	***
Thermal Conductivity W/mK	1.0	2.0	3.0	4.0	ASTM D5470
Thermal Impedance (°C-in ² /W)@50psi	0.25	0.2	0.15	0.1	ASTM D5470
RoHS	PASS	PASS	PASS	PASS	IEC 62321
Halogen	PASS	PASS	PASS	PASS	EN14582
REACH	PASS	PASS	PASS	PASS	EN14372

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Note: The information provided herein is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application. All test data is typical. Therefore, these recommendations and data are for reference only and not as a product warranty.