TG-N909

Non-Silicone Thermal Paste

RoHS Compliant

Features

- High thermal conductivity
- Silicone oil free
- No overflow
- Low thermal impedance / thermal resistance
- Non silicone based and environmental friendly

Applications

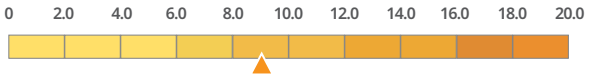
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Storage

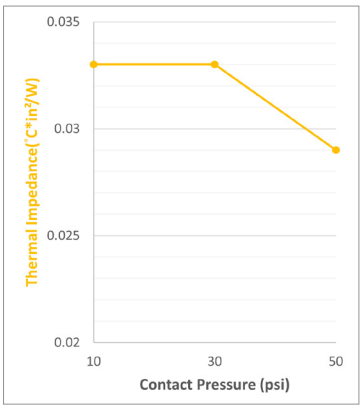
Thermal Paste has a shelf-life of 12 months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below 25°C.

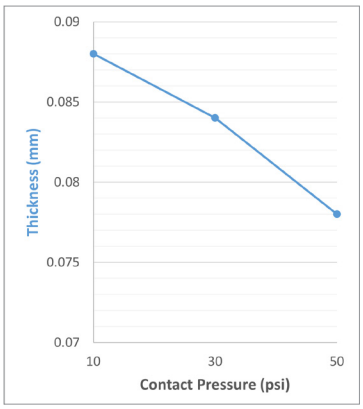
Properties

Thermal Conductivity : 9.0 W/m·K



Contact Pressure, Thermal Impedance, and Thickness





Properties	Unit	TG-N909	Tolerance	Test Method
Thermal Conductivity	W/m·K	9.0	±10%	ASTM D5470 Modified
Color	-	Gray	-	-
Oil Dispersible	wt%	<0.1	-	24hr @150° C
Weight Loss	wt%	<1	-	By T-Global
Viscosity	Pa·s	300	±100	Brookfield Viscometer
Density	g/cm³	2.85	±5%	ASTM D792
Operating Temperature	° C	-40~+200	-	-
Volume Resistivity	Ohm·m	>10¹³	-	ASTM D257
Standard Package	-	Pot	-	-

▶ If an oil layer occurs on top of the thermal paste, it belongs to a normal phenomenon. We suggest to stir it evenly before usage.
Please avoid any dust or impurity adhering to the thermal paste. This will increase the thermal resistance and reduce the effectiveness of heat dissipation.
Condition of storage once opened: storage temperature range +5℃~+15℃, humidity 0%~85% RH. Please consume it within six months.

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