



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

Application:

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.

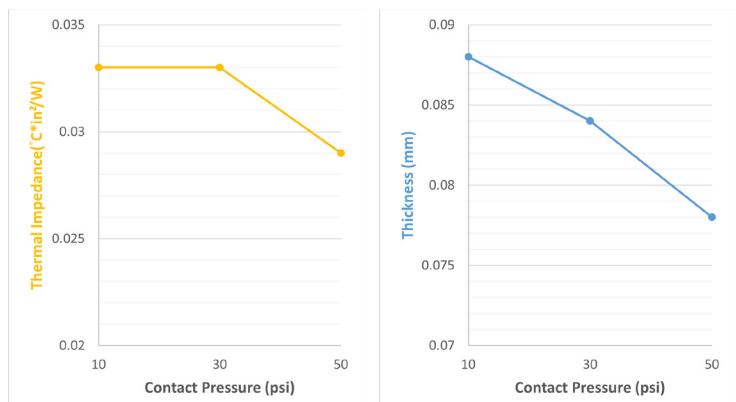
Storage:

Thermal grease 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



Contact Pressure, Thermal Impedance, and Thickness



Properties	Unit	TG-N909	Tolerance	Test Method
Thermal Conductivity	W/m·K	9	±10%	ASTM D5470 Modified
Color	-	Gray	-	-
Oil Dispersible	wt%	<0.1	-	24hr @150° C
Weight Loss	wt%	<0.1	-	ASTM E595 Modified
Viscosity	Pa·s	300	±100	Brookfield
Density	g/cm ³	2.85	±5%	ASTM D792
Operating Temperature	° C	-40~+200	-	-
Volume Resistivity	Ohm-m	>10 ¹³	-	ASTM D257
Standard Package	-	Pot	-	-

- ▶ If an oil layer occurs on top of the thermal grease, it belongs to a normal phenomenon. We suggest to stir it evenly before usage. Please avoid any dust or impurity adhering to the thermal grease. This will increase the thermal resistance and reduce the effectiveness of heat dissipation.
- Condition of storage once opened: Constant temperature or cold storage, temperature between +5°C~+15°C. Please consume it within six months.

T-Global Technology Co., Ltd.

No.33, Ln.50, Daren Rd., Taoyuan Dist., Taoyuan City 330058, Taiwan
T +886-3-361-8899 **E** service@tglobalcorp.com **W** www.tglobalcorp.com

Version19
20241212



NOTICE: The information contained herein is to the best of our knowledge true and accurate. Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. All specifications are subject to change without notice. The protective film and release paper do not affect the function of the product. If there is no special requirement, the default depends on T-Global. Since the varied conditions of potential use are beyond our control, all recommendations or suggestions are presented with out guarantee or responsibility on our part and users should make their own test to determine the suitability of our products in any specific situation. This product is sold without warranty either expressed or implied, of fitness for a particular purpose or otherwise, except that this product shall be of standard quality, and except to the extent otherwise stated in T-Global Technology's invoice, quotation, or order acknowledgment. We disclaim any and all liabilities incurred in connection with the use of information contained herein, or otherwise. All risks of such are assumed by the user. Furthermore, nothing contained herein shall be construed as a recommendation to use any process or to manufacture or to use any product in conflict with existing or future patents covering any product or material or its use.