

Technical Data Sheet

Graphene Thermal Grease G-TG11

G-TG11 is a silicone-based thermal joint compound with high thermal conductivity for use with all heat sinks. It is chemically inert and possesses long-term thermal stability.

Physical Property

- Appearance : Light gray
- Thermal Conductivity : ≥ 3 W/mK
- Specific Weight : 2.3 g/cm^3
- Volume Resistivity : $\sim 10^3 \Omega \cdot \text{cm}$
- Operation Temperature : $< 180 \text{ }^\circ\text{C}$
- Viscosity : $\geq 150,000$ cps
- Shelf Life: Sealed for 12 months @ $25 \text{ }^\circ\text{C}$

Recommended Operation Condition

- Settling of solid may occur and compositions should be thoroughly mixed prior to use.
- G-TG11 is electrically conductive thermal grease and it could not be used under insulation required condition.
- Please wear protective cloths as well as installing full ventilation during the operation.

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Please note that partial of the analysis data are also conveniently available online at www.graphene.com.tw

Storage

- Graphene thermal grease should be stored in a clean and stable environment at room temperature with their lids tightly sealed.
- Storage in high temperature (>30 °C) or freezers (<0 °C) is NOT recommended.

Safety Issue

- Products are intended for use in an industrial environment by trained personnel. Please follow proper health/safety processes regarding storage, handling and processing of the products. For Safety and Handling information pertaining to this product, refer to Safety Data Sheet (SDS).

Package

- The standard package is 1KG/Plastic jar. It could be customized according to customers' requirement.



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