



TG-A7000 Thermal Putty

REACH Compliant

RoHS Compliant

Features

- Silicone-type spacer with great long term reliability
- Lower thermal contact impedance than thermal pads
- Physical property in between liquid and solid state
- Gap fillers for uneven or irregular surfaces of heat sources and heat sink
- Applicable for dispenser

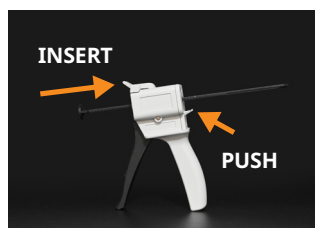
Applications

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 putty 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.

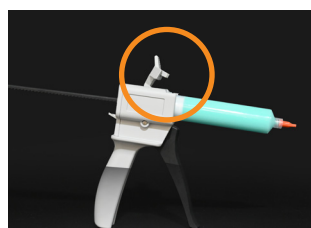
Operation Manual



① Push the latch and insert the stick.



② Put the tube in and twist.



③ Close the cover.

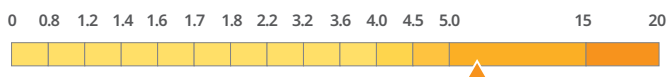


④ Take off the plug.

(The putty in the picture does not represent the actual product.)

Properties

Thermal Conductivity : 7.0 W/m·K



| Properties | Unit | TG-A7000 | Tolerance | Test Method |
|-----------------------|-------------------|------------------|-----------|-----------------------|
| Thermal Conductivity | W/m·K | 7.0 | - | ASTM D5470 Modified |
| Color | - | Green | - | - |
| Viscosity | Pa·s | 250 | ±100 | Brookfield Viscometer |
| Density | g/cm ³ | 3.25 | - | ASTM D792 |
| Volume Resistivity | Ohm·m | 10 ¹³ | - | ASTM D257 |
| Operating Temperature | °C | -50~+180 | - | - |
| Standard Package | - | Tube/Pot | - | - |

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