

## TG-N4000

### Non-silicone Thermal Putty

REACH Compliant

RoHS Compliant

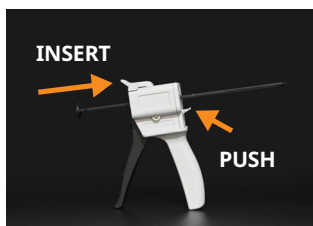
#### Features

- Silicone free thermal gel
- Lower contact thermal 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

#### 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.

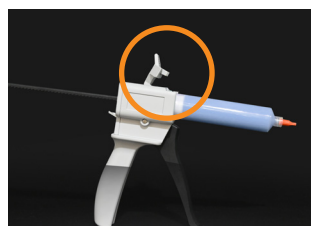
#### Operation Manual



① Push the latch and insert the stick.



② Put the tube in and twist.



③ Close the cover.

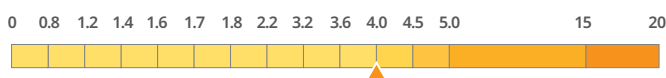


④ Take off the plug.

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

#### Properties

##### Thermal Conductivity : 4.0 W/m·K



| Properties            | Unit              | TG-N4000          | Tolerance | Test Method         |
|-----------------------|-------------------|-------------------|-----------|---------------------|
| Thermal Conductivity  | W/m·K             | 4.0               | -         | ASTM D5470 Modified |
| Color                 | -                 | Blue Purple       | -         | -                   |
| Viscosity             | Pa·s              | 350               | ±100      | Brookfield          |
| Density               | g/cm <sup>3</sup> | 2.6               | ± 0.15    | ASTM D792           |
| Volume Resistivity    | Ohm·m             | ≥10 <sup>10</sup> | -         | ASTM D257           |
| Operating Temperature | ° C               | -40~+125          | -         | -                   |
| Standard Package      | -                 | Tube / Pot        | -         | -                   |

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