



## TG4040 Thermal Putty

REACH Compliant

RoHS Compliant

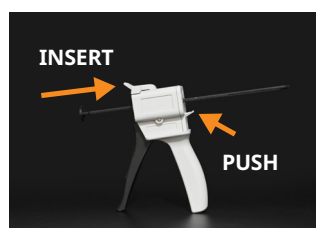
### Features

- 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

### 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.

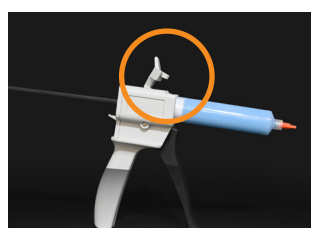
### Operation Manual



① Push the latch and insert the stick.



② Put the tube in and twist.



③ Close the cover.

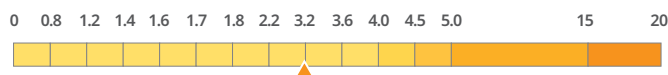


④ Take off the plug.

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

### Properties

#### Thermal Conductivity : 3.2 W/m·K



| Properties            | Unit              | TG4040           | Tolerance | Test Method         |
|-----------------------|-------------------|------------------|-----------|---------------------|
| Thermal Conductivity  | W/m·K             | 3.2              | ±0.3      | ASTM D5470 Modified |
| Color                 | -                 | Blue             | -         | -                   |
| Viscosity             | Pa·s              | 250(±100)        | -         | Brookfield          |
| Density               | g/cm <sup>3</sup> | 2.9              | ±5%       | ASTM D792           |
| Volume Resistivity    | Ohm-mm            | 10 <sup>13</sup> | -         | ASTM D257           |
| Operating Temperature | °C                | -50~+180         | -         | -                   |
| Standard Package      | -                 | Tube/Pot         | -         | -                   |

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