More Innovation, Less Heat.

T-Global Technology

TG-N8000

Non-silicone Thermal Putty

REACH Compliant RoHS Compliant

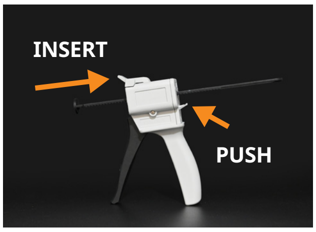
Features

- 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

Applications

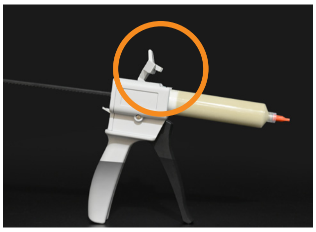
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Operation Manual

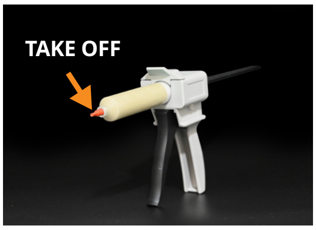


① Push the latch and insert the stick.

② Put the tube in and twist.



③ Close the cover.

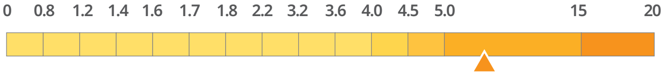


④ Take off the plug.

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

Properties

Thermal Conductivity : 8.0 W/m·K



Properties	Unit	TG-N8000	Tolerance	Test Method
Thermal Conductivity	W/m·K	8.0	-	ASTM D5470 Modified
Color	-	Yellow	-	-
Viscosity	Pa·s	430	±100	Brookfield Viscometer
Density	g/cm^3	3	±0.15	ASTM D792
Volume Resistivity	Ohm·m	>10^{10}	-	ASTM D257
Operating Temperature	° C	-40~+125	-	-
Standard Package	-	Tube/ Pot	-	-

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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.