



TG-NSP25

Non-silicone Thermal Putty

RoHS Compliant

Features

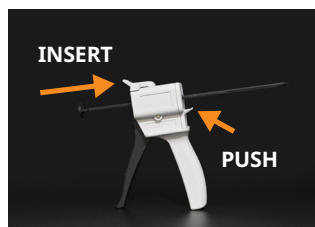
- Silicone free thermal gel
- Shapeable and compressible
- Low thermal impedance
- No fluidity

Application:

Best for high-speed or middle-power chipset

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.

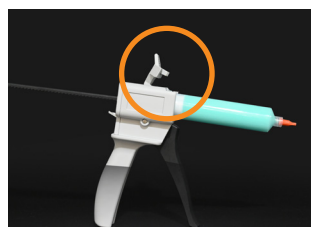
Operation Manual



① Push the latch and insert the stick.



② Put the tube in and twist.



③ Close the cover.

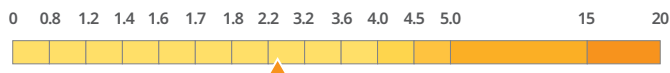


④ Take off the plug.

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

Properties

Thermal Conductivity : 2.6 W/m·K



| Properties | Unit | TG-NSP25 | Tolerance | Test Method |
|-------------------------|-------------------|------------------|-----------|---------------------|
| Thermal Conductivity | W/m·K | 2.6 | ±10% | ASTM D5470 Modified |
| Color | - | Gray | - | - |
| Viscosity @0.5rpm | Pa·s | 5000 | - | Brookfield |
| Density | g/cm ³ | 2.6 | - | ASTM D792 |
| Low MW Siloxane (D3-10) | ppm | 0 | - | GC/MS |
| Volume Resistivity | Ohm·m | 10 ¹⁴ | - | ASTM D257 |
| Operating Temperature | °C | -50~+150 | - | - |
| Standard Package | - | Tube/Pot | - | - |

T-Global Technonology Co., Ltd.

No.33, Ln.50, Daren Rd., Taoyuan Dist., Taoyuan City 330058, Taiwan

T +886-3-361-8899 E service@tglobalcorp.com W www.tglobalcorp.com

Version19
20240326



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 does 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 without 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. In order to provide customers with more efficient thermal interface materials, T-Global Technology has updated the manufacturing process for some products and integrated UL certification. From today, we will replace some of previous generation products with TG-A series part numbers.