

# TG-NSP25

## Non-silicone Thermal Putty

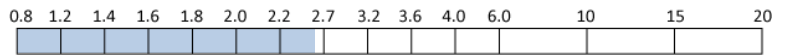
RoHS



### Features

- Silicone free thermal gel
- Shapeable and compressible
- Low thermal resistance
- No fluidity
- Best for north bridge IC

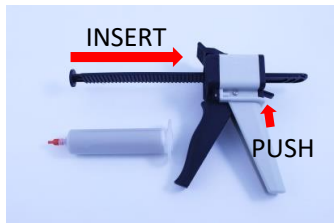
Thermal Conductivity : 2.6 W / mK



### Applications

Electronic components: IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom device, Wireless hub, DDR II Module, DVD Applications, Hand-set applications etc.

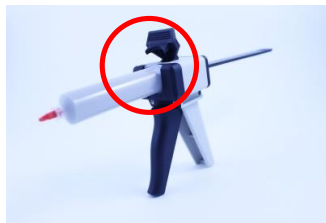
### Operation Manual-Gel Gun



STEP 1 - Push the latch



STEP 2 - Put the tube in



STEP 3 - Close the cover



STEP 4 - Take off the

### Reliability

| Thermal Impedance | Initial | 200hrs | 400hrs | 700hrs | 1000hrs |
|-------------------|---------|--------|--------|--------|---------|
| 125°C aging       | 0.050   | 0.051  | 0.050  | 0.051  | 0.052   |
| 85°C / 85% RH     | 0.050   | 0.049  | 0.049  | 0.049  | 0.050   |

### Properties

| Properties              | TG-NSP25         | Unit                | Tolerance | Test Method |
|-------------------------|------------------|---------------------|-----------|-------------|
| Thermal Conductivity    | 2.6              | W / mK              | ±0.25     | ASTM D5470  |
| Color                   | Gray             | -                   | -         | Visual      |
| Solid Content           | 100              | -                   | -         | -           |
| Viscosity 0.5rpm        | 5000             | Pa·s                | -         | Brookfield  |
| Density                 | 2.6              | g / cm <sup>3</sup> | -         | ASTM D792   |
| Low MW Siloxane (D3-10) | 0                | °C                  | -         | GC/MS       |
| Volume Resistivity      | 10 <sup>14</sup> | Ohm-m               | -         | ASTM D257   |
| Working Temperature     | -50 ~ +150       | °C                  | -         | -           |
| Standard package        | 78g/143g/1kg     | Tube/Pot            | -         | -           |

Need samples?

高柏科技 T-Global Techonology Co., Ltd

Provide professional thermal engineering solutions and full range of products.

桃園市桃園區大仁路50巷33號 No. 33, Ln. 50, Daren Rd., Taoyuan Dist., Taoyuan City 330, Taiwan

T: +886-3-3618899 M: service@tglobal.com.tw W: www.tglobalcorp.com

version16

20190130