



**TIG™780-50** is environmentally safe silicone-based thermal grease designed to solve overheating and reliability issues.

**TIG™780-50** is a heat conducting product in the shape of paste. They serve to moisten the contact surface sufficiently so as to form an interface of extremely low thermal impedance. Consequently, the heat dissipation efficiency is far superior to that offered by others.

### Features And Benefits

- » Low thermal impedance
- » Non-toxic and environmentally safe
- » Excellent long term stability
- » Thoroughly wets out contact surfaces to create low thermal impedance.

### Application

- » Microprocessors
- » Chipsets
- » Graphic processing chips
- » Set Top Box
- » LED

Typical Properties of TIG™780-50 Series		
Property	Value	Test method
Color	Gray	Visual
Construction	Heat conduction filler /silicone oil	Ziitek Test Method
Specific Gravity (g/cm <sup>3</sup> )	2.30	ASTM D297
Bond line Thickness (mm)	0.031	ASTM D374
Thermal Conductivity (W/mK)	5.00	ASTM D5470
Thermal Impedance (°C·in <sup>2</sup> /W) @10 psi	0.023	ASTM D5470
Thermal Impedance (°C·in <sup>2</sup> /W) @50 psi	0.018	ASTM D5470
Continuous Use Temp (°C)	- 45 ~ 200	Ziitek Test Method
Viscosity (mPa.s)	200000	GB/T 10247

### Package

Packing specification 0.5kg, 1kg, 2kg; For other specifications, please contact us.

### Storage:

Store from 5° C to 25° C with a maximum humidity of 70%. Do not store in freezer or refrigerator below 0° C. Safe disposal method does not require special protection. The storage condition is low temperature and dry, away from open fire and away from direct sunlight. For detailed method, please refer to the product material safety data sheet.



If you want to know our thermal Products, you can visit our website . <http://www.ziitek.com>

Gap Fillers | Pouring sealant | Silicon tape | Thermally Conductive paste | Flake graphite | Thermally Conductive Insulators | Ceramic heat sinks  
Thermally Conductive plastic | Thermally Conductive Adhesive Tapes

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