



TIG™780-40 is environmentally safe silicone-based thermal grease designed to solve overheating and reliability issues.

TIG™780-40 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

- » Low thermal impedance **0.028°C*in²/W**
- » Non-toxic & environmentally safe
- » Excellent long term stability
- » Thoroughly wets out contact surfaces to create low thermal resistance

Application

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

Typical Properties of TIG™780-40 Series

Property	Value	Test method
Color	White	Visual
Construction	Metal oxide filled /silicone oil	Ziitek Test Method
Specific Gravity	2.90	ASTM D792
Thermal Conductivity (W/mK)	4.00	ASTM D5470
Bond line Thickness (mm)	0.019	ASTM D374
Thermal Impedance (°C·in²/W) @20 psi	0.028	ASTM D5470
Recommended operating temp (°C)	- 45 ~ 200	Ziitek Test Method
Viscosity (mPa.s)	35000	GB/T 10247

Package:

10ml ~ 100ml for the needle cylinder; Cans of 100ml ~ 500ml,; drums of 1kg ~ 20kg

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

加拿大 Canada

TEL: +001-604-2998559
E-mail: frances@ziitek.com.tw
<http://www.thermazig.com>

台湾 Taiwan

TEL: +886-2-22771007
E-mail: frances@ziitek.com.tw
<http://www.ziitek.com.tw>

东莞 Dongguan

TEL: +86-769-38801208
E-mail: frances@ziitek.com.tw
<http://www.ziitek.com.cn>

昆山 Kunshan

TEL: +86-512-57816297
E-mail: kelvin@ziitek.com
<http://www.ziitek.com.cn>

长沙 Changsha

TEL: +86-731-86949836
E-mail: jor@ziitek.com
<http://www.ziitek.com.cn>