



**TIG™780-12** is environmentally safe silicone-based thermal grease designed to solve overheating and reliability issues.

**TIG™780-12** 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

- » Good thermal conductivity
- » Non-toxic and 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 TIG780-12 Series

Property	Value	Test method
Color	White	Visual
Construction	Metal oxide filled	*****
Density (g/cm <sup>3</sup> )	2.50	ASTM D297
Thermal Conductivity	1.2 W/mK	ASTM D5470
Thermal Impedance @10psi	≤0.085 °C*in <sup>2</sup> /W	ASTM D5470
Thermal Impedance @50psi	≤0.065 °C*in <sup>2</sup> /W	ASTM D5470
Viscosity (mPa.s)	130,000	GB/T 10247

## Package

Cans of 300ml ~ 1000ml,; 500g ~ 2kg

## Storage:

Store from 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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