



TIG™780-20 is environmentally safe silicone-based thermal grease designed to solve overheating and reliability issues.

TIG™780-20 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

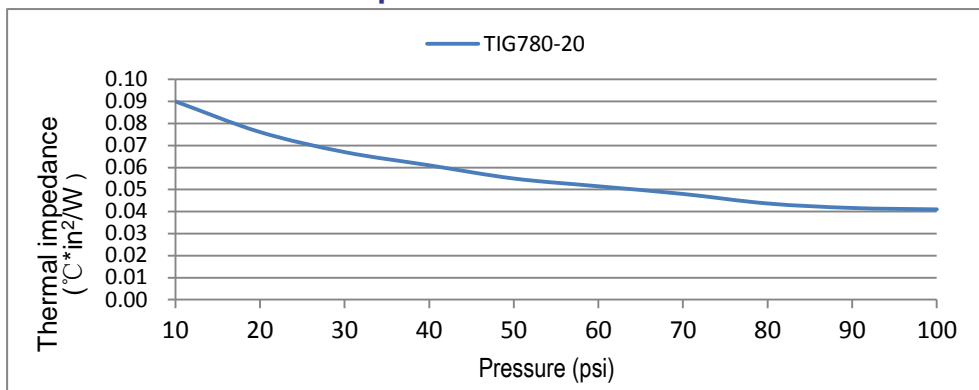
- » Good thermal conductivity
- » Non-toxic and environmentally safe
- » Excellent long term stability
- » Thoroughly wets out contact surfaces to create low thermal resistance

Application

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

Typical Properties of TIG780-20 Series			
Property	Unit	Value	Test Method
Color	NA	White	visual
Construction	NA	Metal oxide filled Silicone Oil	*****
Density	g/cm ³	3.0	ASTM D297
Thermal Conductivity	W/mK	2.0	ASTM D5470
Thermal impedance @10psi	°C*in ² /W	0.090	ASTM D5470
Thermal impedance @50psi	°C*in ² /W	0.055	ASTM D5470
Viscosity	Pa.s	400	GB/T 10247

Pressure vs. Thermal Impedance



Package

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

Storage:

Store from 18° 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.

