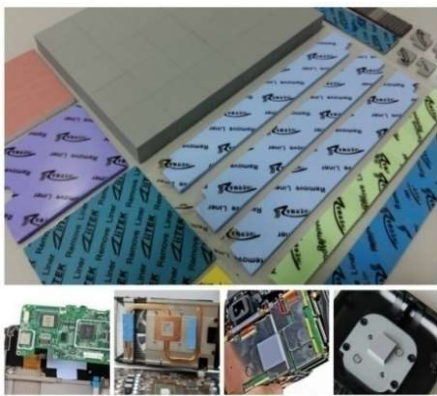




Features

- » Good thermal conductivity: 3.0W/mk
- » Naturally tacky needing no further adhesive coating
- » Soft and Compressible for low stress applications
- » Available in varies thickness

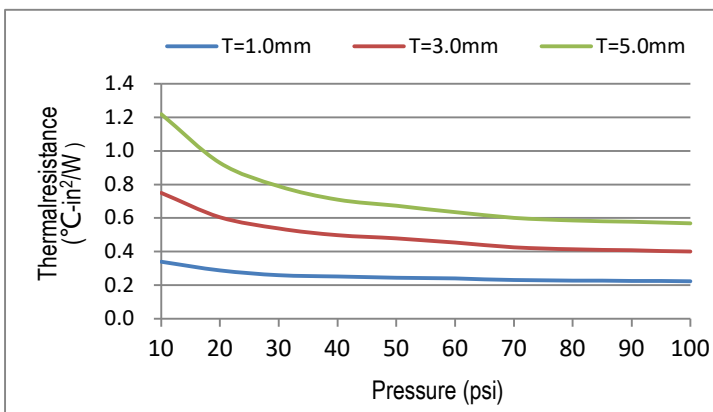
Application

- » Cooling components to the chassis of frame
- » Set Top Box
- » Car Battery & Power Supply
- » Charging Pile
- » Graphics Card Thermal Module

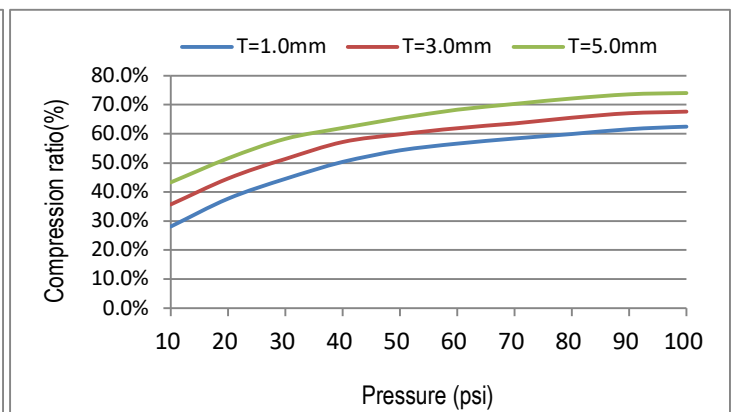
TIF™300 Series thermally conductive interface materials are applied to fill the air gaps between the heating elements and the heat dissipation fins or the metal base. Their flexibility and elasticity make them suited to coat very uneven surfaces. Heat can transmit to the metal housing or dissipation plate from the heating elements or even the entire PCB, which effectitly enhances the efficiency and life-time of the heat-generating electronic components.

Typical Properties of TIF™300 Series		
Property	Value	Test method
Color	Gray	Visual
Construction	Ceramic filled silicone	*****
Thickness range	0.020"(0.50mm)~0.200" (5.0mm)	ASTM D374
Hardness (Shore 00)	27±5	ASTM 2240
Specific Gravity (g/cm ³)	3.05	ASTM D792
Operating Temp	-40~160°C	*****
Dielectric Breakdown Voltage @1.0mm,AC (V)	≥5500	ASTM D149
Dielectric Constant @1MHz	4.5	ASTM D150
Volume Resistivity(Ohm-cm)	≥1.0X10 ¹²	ASTM D257
Thermal Conductivity (W/mK)	3.0	ASTM D5470
	3.0	ISO22007-2
Flame Rating	V-0	UL 94

Pressure vs. Thermal Impedance



Pressure vs. Compression Ratio



Product Thicknesses: 0.020-inch to 0.200-inch (0.5mm to 5.0mm) **Product Sizes:** 8" x 16"(203mm x406mm)

Individual die cut shapesand and custom thickness can be supplied. Please contact us for confirming

Additional model code instructions:

FG: Fiberglass reinforcement -A1/A2: Single/double sided with Adhesive -K1: single side with Kapton film
 -CK1: single side with composite Kapton film

Thermally Conductive Materials Thermally Conductive Plastics Heat Generating Materials Shielding Materials Foaming Silica Gel Die-Cutting Products

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.cn
<http://www.ziitek.com.cn>

昆山 Kunshan

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

杭州 Hangzhou

TEL: +86-571-63850366
 E-mail: alex@ziitek.com
<http://www.ziitek.com.cn>

长沙 Changsha

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

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