

Z-Paster™ 100-30-10UF Series is a high performance and compatible non-silicone material of the thermal conductive interface materials. The role is to fill the air gaps between the heating elements and the heat dissipation fins or the metal base. It applies to the liner based on silicone suitably. The flexibility and elasticity make it suited to the coating of the very uneven surfaces. Heat can transmit to the metal housing or dissipation plate from the separate elements or even the entire PCB, which in effect enhances the efficiency and life-time of the heat-generating electronic components.

Features

- » Silicone-free
- » Meets ROHS standards
- » Good thermal conductive:
3.0 W/mK
- » Available in varies thickness

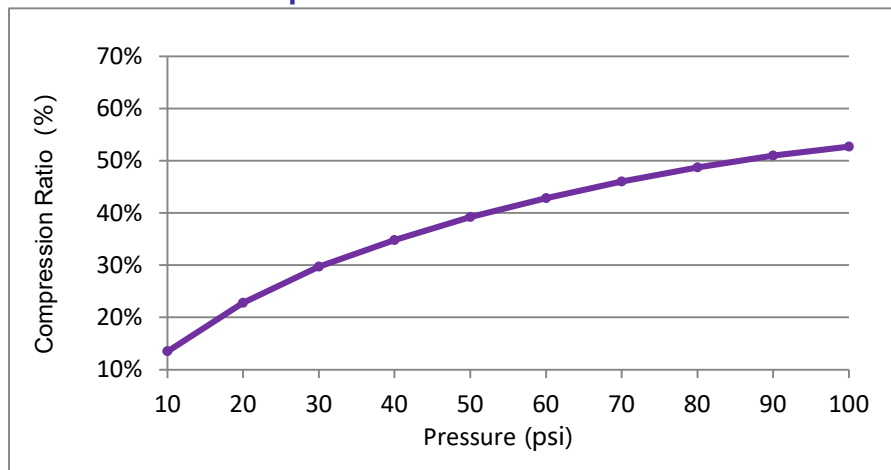
Application

- » Cooling components to the chassis of frame
- » Car Battery & Power Supply
- » Charging Pile
- » Silicone-sensitive applications
- » Graphics Card Thermal Module
- » Set Top Box
- » Medical devices
- » LED
- » SFP optical module

Typical Properties of Z-Paster™ 100-30-10UF Series

Color	Grey	Visual
Construction	Silicone-free The metal oxide fills	*****
Thickness range	0.020"(0.5mm)~0.200"(5.0mm)	ASTM D374
Hardness (Shore OO)	75	ASTM 2240
Specific Gravity	2.88 g/cc	ASTM D297
Continuous Use Temp	-20~125°C	*****
Dielectric Breakdown Voltage (T= 1.0mm)	>5000 VAC	ASTM D150
Dielectric Constant	5.5 (@1MHz)	ASTM D150
Volume Resistivity	6.0X10 ¹³ Ohm-cm	ASTM D257
Thermal Conductivity (W/mK)	3.0	ASTM D5470
	3.0	ISO22007-2.2
Flame Rating	V0	UL94

Pressure. vs. Compression Ratio



Product Thicknesses:

0.020-inch to 0.200-inch (0.5mm to 5.0mm)

If you want to know more product information of thermal conductivity materials, please visit our official website: <http://www.ziitek.com>

REV03

Thermally Conductive Materials

Canada
TEL: +001-604-2998559
E-mail: frances@ziitek.com.tw
[Http://www.thermazig.com](http://www.thermazig.com)

Taiwan
TEL: +886-2-22771007
E-mail: frances@ziitek.com.tw
[Http://www.ziitek.com.tw](http://www.ziitek.com.tw)

Dongguan
TEL: +86-769-38801208
E-mail: frances@ziitek.com.tw
[Http://www.ziitek.com.cn](http://www.ziitek.com.cn)

Kunshan
TEL: +86-512-57816297
E-mail: kelvin@ziitek.com
[Http://www.ziitek.com.cn](http://www.ziitek.com.cn)

Hangzhou
TEL: +86-571-63850366
E-mail: alex@ziitek.com
[Http://www.ziitek.com.cn](http://www.ziitek.com.cn)

Changsha
TEL: +86-731-86949836
E-mail: jor@ziitek.com
[Http://www.ziitek.com.cn](http://www.ziitek.com.cn)