

**Z-Paster™100-20-11F 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

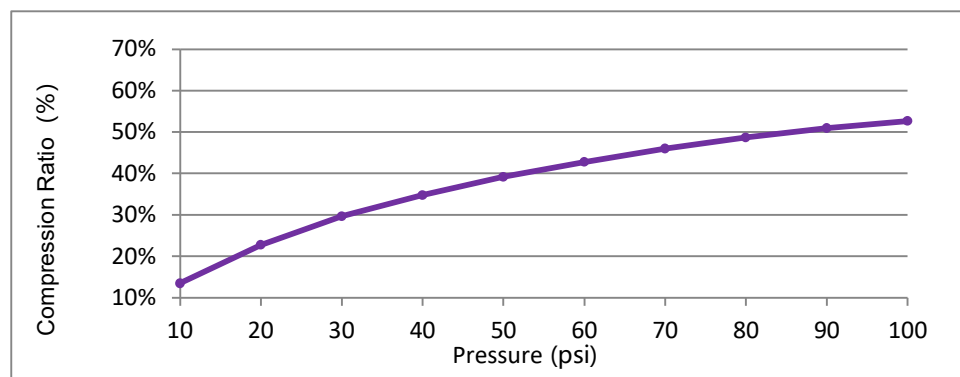
- » Silicone-free
- » Meets ROSH standards
- » Good thermal conductive: **2.0 W/mK**
- » Available in varies thickness

### Application

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

Typical Properties of Z-Paster™100-20-11UF 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 (g/cc)	2.65	ASTM D297
Continuous Use Temp	-20~125°C	*****
Dielectric Breakdown Voltage (T= 1.0mm )	>5000 VAC	ASTM D150
Dielectric Constant	5.2 (@1MHz)	ASTM D150
Volume Resistivity	6.0X10 <sup>13</sup> Ohm-cm	ASTM D257
Thermal Conductivity (W/mK)	2.0	ASTM D5470
	2.0	ISO22007
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>

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

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