



**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.

### 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
- » Miniature heat tube radiator

### Features

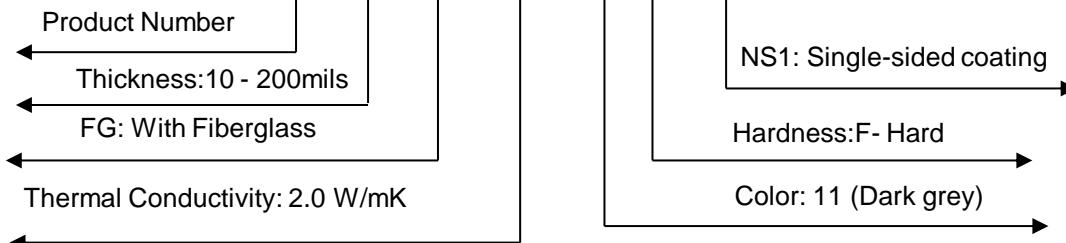
- » Silicone-free      ✓ROSH
- » Good thermal conductive: 2.0 W/mK
- » Soft and Compressible for low stress applications
- » Available in varies thickness

### Typical Properties of Z-Paster100-20-11F Series

Color	Dark grey	Visual	Dielectric Breakdown Voltage (T= 1mm above)	>5000 VAC	ASTM D149
Construction	Silicone-free The metal oxide fills	*****	Dielectric Constant	5.5 MHz	ASTM D150
Thermal Conductivity	2.0 W/mK	ASTM D5470	Volume Resistivity	6.0X10 <sup>13</sup> Ohm-meter	ASTM D257
Hardness	65 Shore 00	ASTM 2240	Continuous Use Temp	- 20 To 125 °C	*****
Specific Gravity	2.65 g/cc	ASTM D297	Outgassing (TML)	0.30%	ASTM E595
Thickness range	0.010"-0.200" (0.25mm-5.0mm)	ASTM D374	Flame Rating	94 V0	equivalent to

### Product Identification:

**Z-Paster1 80 - FG - 20 - 11 F - NS1**



### Standard Thicknesses

0.010-inch to 0.200-inch (0.25mm to 5.0mm)

### Options

Proprietary NS1 option available to eliminate tack from one side to aid in handling.

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

**Canada:**  
Tel: +001-604-2998559  
E-mail: sales@thermazig.com

**Taiwan:**  
Tel: +886-2-22771007  
Fax: +886-2-22771075  
E-mail: frances@ziitek.com.tw

**Dongguan:**  
Tel: +86-769-38801208  
Fax: +86-769-83791290  
E-mail: angus@ziitek.com

**Kunshan:**  
Tel: +86-512-57816297  
Fax: +86-512-57816327  
E-mail: kelvin@ziitek.com

**Chengdu:**  
Tel: +86-28-62379168  
Fax: +86-28-62379168  
E-mail: david\_cd@ziitek.com