



Z-Paster™100-15-02F 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 √ROSH
- 》 Good thermal conductive: 1.5 W/mK
- 》 Soft and Compressible for low stress applications
- 》 Available in varies thickness

Application

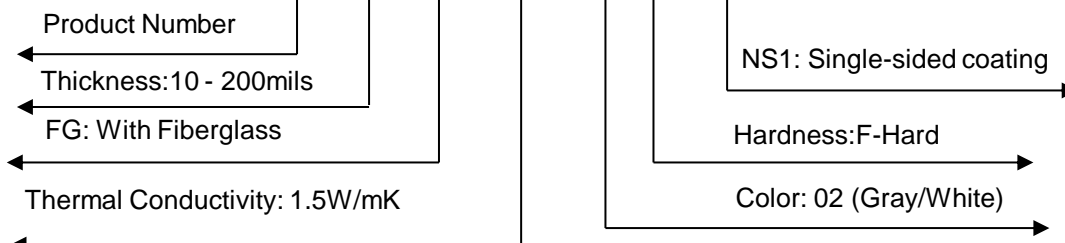
- 》 Cooling components to the chassis of frame
- 》 Car Battery & Power Supply
- 》 Charging Pile 》 Silicone-sensitive applications
- 》 Graphics Card Thermal Module
- 》 Set Top Box 》 Medical devices
- 》 LED 》 SFP optical module
- 》 Miniature heat tube radiator

Typical Properties of Z-Paster100-15-02F Series

| | | | | | |
|----------------------|--|------------|---|--------------------------------|---------------|
| Color | Gray/White | 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 | 1.5 W/mK | ASTM D5470 | Volume Resistivity | 6.3X10 ¹³ Ohm-meter | ASTM D257 |
| Hardness | 65 Shore 00 | ASTM 2240 | Continuous Use Temp | - 20 To 125°C | ***** |
| Specific Gravity | 2.55 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 - 15 - 02 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

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