



Z-PASTER®100 6060-11 series is a siloxane-free thermally conductive interface material 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 effectively enhances the efficiency and life-time of the heat-generating electronic components.

Features

- » High thermal conductivity
- » Silicone-free
- » Available in different thickness options
- » High compliance adapts to various pressure application environments

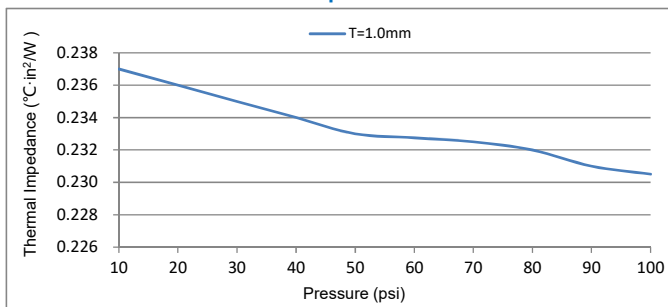
Applications

- » Heat dissipation structure for radiators
- » Telecommunication equipment
- » Automotive electronics
- » Battery packs for electric vehicles
- » LED TV and lamps

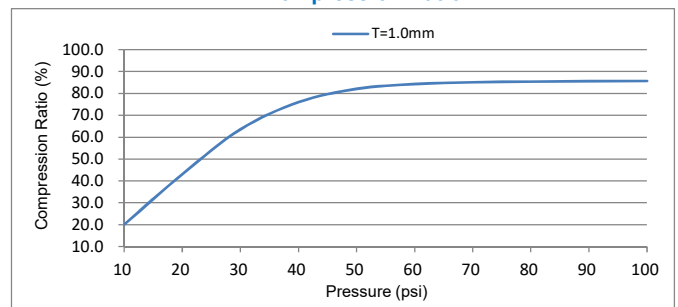
Typical Properties of Z-PASTER® 100 6060-11 Series

Property	Value	Test Method
Color	Dark Gray	Visual
Construction	Non-silicone resin	-
Thickness Range (inch/mm)	0.040~0.200 1.00~5.00	ASTM D374
Hardness (Shore OO)	60	ASTM D2240
Density (g/cm ³)	3.3	ASTM D792
Recommended Operating Temperature (°C)	-45 ~ 125	-
Breakdown Strength (V/mm)	≥5500	ASTM D149
Dielectric Constant @1MHz	9.0	ASTM D150
Volume Resistivity (Ohm·cm)	> 1.0×10 ¹²	ASTM D257
Thermal Conductivity (W/m·K)	6.0	ASTM D5470
	6.0	ISO22007
Flame Rating	V-0	UL94 (E331100)

Thermal Impedance

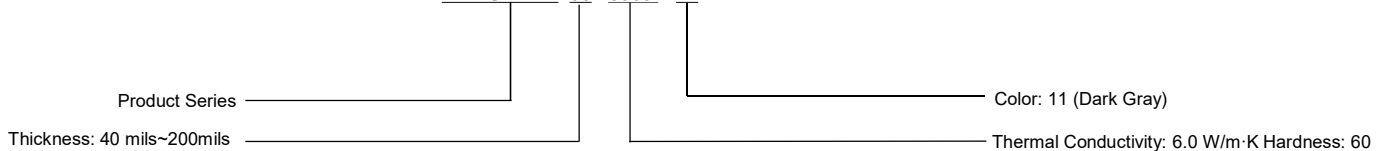


Compression Ratio



Product Identifier

Z-PASTER 1 00 6060 - 11



Product Specifications

Standard Thickness: 0.040" (1.00 mm) ~ 0.200" (5.00 mm) with increments of 0.010" (0.25 mm).

Standard Size: 16"×16" (406 mm×406 mm).

The Z-PASTER® series is available in custom shapes and various forms. For other thicknesses or more information, please contact us.

Global solutions: Local support

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Z-PASTER100 6060-11-1125