

# Ti900

## Thermally Conductive Insulators

REACH Compliant

RoHS Compliant

UL Comparable

### Features

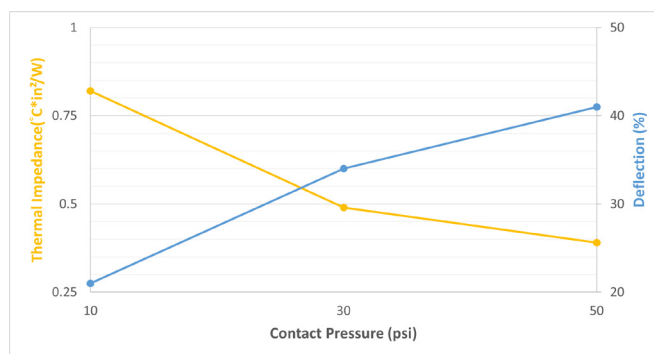
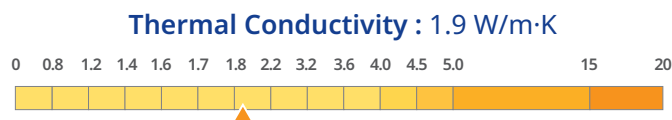
- Electrical insulation
- Low thermal impedance
- Easy to assemble

### Applications

Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

### Properties

#### Contact Pressure, Thermal Impedance, and Deflection



Properties	Unit	Ti900	Tolerance	Test Method
Thermal Conductivity	W/m·K	1.9	±10%	ASTM D5470 Modified
Thickness	mm	0.12	-	ASTM D374
Color	-	Gray	-	-
Base	-	Polyimide	-	-
Dielectric Breakdown Voltage (AC)	kV	≥6.1	-	ASTM D149
Volume Resistivity	Ohm·m	>10 <sup>12</sup>	-	ASTM D257
Operating Temperature	°C	-50~+180	-	-
Tensile Strength	psi	5000	-	ASTM D412
Elongation	%	40	-	ASTM D412
Flame Rating	-	V-0	-	UL94
Standard Format	-	Sheet	-	-

※Die-cut for different shapes

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