



# TG-A9000F

## Fiberglass Reinforced Thermal Pad

REACH Compliant    RoHS Compliant    UL Comparable

### Features

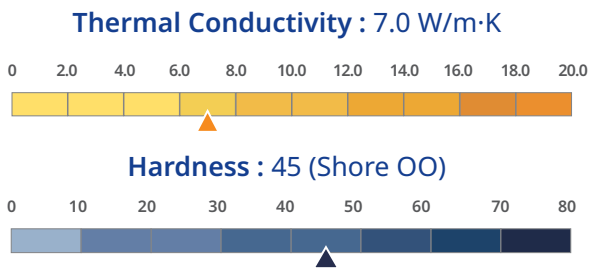
- High thermal conductivity
- Fiberglass on one side
- Not easily deformed
- Electrical insulation

### Applications

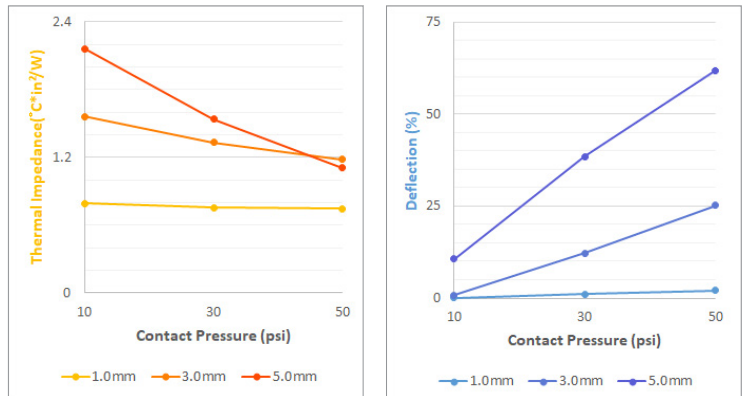
Suitable for voltage-resistant products

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	TG-A9000F	Tolerance	Test Method
Thermal Conductivity	W/m·K	7.0	±10%	ASTM D5470 Modified
Thickness	mm	1.0~5.0	-	ASTM D374
	inch	0.0394~0.1969	-	ASTM D374
Color	-	Pink	-	ASTM D2244
Reinforcement Carrier	-	Fiberglass Mesh	-	-
Flame Rating	-	V-0	-	UL 94
Dielectric Breakdown Voltage	kV/mm	≥8	-	ASTM D149
Weight Loss	%	<1	-	By T-Global
Density	g/cm <sup>3</sup>	3.0	±5%	ASTM D792
Operating Temperature	°C	-50~+150	-	-
Volume Resistivity	Ohm·m	≥10 <sup>11</sup>	-	ASTM D257
Tensile Strength @T3.0mm	kgf/cm <sup>2</sup>	174	-	ASTM D412
Elongation	%	45.7	-	ASTM D412
Standard Format	-	Sheet	-	-
Hardness	Shore OO	45	±10	ASTM D2240

- \* Different tolerances according to the selected thickness.
- \* Die-cut for different shapes.
- \* Product isn't recommended to use adhesive backing.

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