

# TG-T1000

## Thermal Tape

REACH Compliant    RoHS Compliant

### Features

- Good adhesion
- Great reliability
- Cost effective with great performance
- Easy to assemble
- Customization services

### Application:

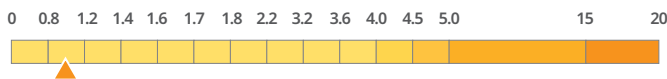
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

### Storage:

T-Global guarantees a 6-month shelf life at maximum continuous storage. Storage temperature should be under 25°C to maintain controlled adhesion to the liner.

### Properties

#### Thermal Conductivity : 1 W/mK



Properties	Unit	TG-T1000		Tolerance	Test Method
Thermal Conductivity	W/m•K	1	1	±10%	ASTM D5470 Modified
Thickness	mm	0.15	0.25	-	ASTM D374
Color	-	White		-	-
Reinforcement Carrier	-	Fiberglass mesh		-	-
Operating Temperature	° C	-30~+120		-	-
Short time use temperature (30sec)	° C	180		-	-
Density	g/cm <sup>3</sup>	1.2		-	ASTM D792
Initial Tack	cm	19	11	-	PSTC-6
Holding Power 1000g@25° C using 1 in <sup>2</sup>	min	>3000		-	PSTC-7
180° Peeling Strength (Aluminum)	N / 25mm	>14	>16	-	PSTC-101
Dielectric Breakdown Voltage (AC)	KV	≥3	≥6	-	ASTM D149
Thermal Impedance@10psi	° C*in <sup>2</sup> / W	0.93	1.26	-	ASTM D5470 Modified
Thermal Impedance@30psi	° C*in <sup>2</sup> / W	0.76	1.06	-	ASTM D5470 Modified
Thermal Impedance@50psi	° C*in <sup>2</sup> / W	0.61	1.05	-	ASTM D5470 Modified

※Die-cut for different shapes  
 ※Roll type available

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