

TG-T1000

Thermal Tape

REACH Compliant RoHS Compliant

Features

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

Application:

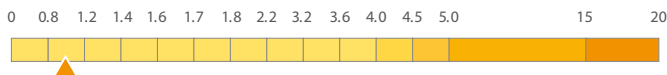
Electronic Components - 5G, Aerospace, AI, Alot, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Storage:

Infracron 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 ³	1.2		-	ASTM D792
Initial Tack	cm	19	11	-	PSTC-6
Holding Power 1000g@25°C using 1 in ²	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 ² / W	0.93	1.26	-	ASTM D5470 Modified
Thermal Impedance@30psi	°C*in ² / W	0.76	1.06	-	ASTM D5470 Modified
Thermal Impedance@50psi	°C*in ² / W	0.61	1.05	-	ASTM D5470 Modified

Die-cut for different shapes
Roll type available