

TG-T1000 Series Thermal Tape

REACH Compliant RoHS Compliant

Features

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

Applications:

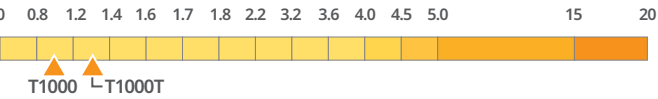
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

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 / 1.3 W/m·K



Properties	Unit	TG-T1000		TG-T1000T	Tolerance	Test Method
Thermal Conductivity	W/m·K	1	1	1.3	±10%	ASTM D5470 Modified
Thickness	mm	0.15	0.25	0.11	-	ASTM D374
Color	-	White		Gray	-	-
Reinforcement Carrier	-	Fiberglass Mesh		PET	-	-
Operating Temperature	° C	-30~+120		-40~+120	-	-
Short time use temperature (30sec)	° C	180		200	-	-
Density	g/cm³	1.2		1.5	-	ASTM D792
Initial Tack	cm	19	11	24	-	PSTC-6
Holding Power 1000g@25° Cusing 1 in²	min	>3000		>1000	-	PSTC-7
Peeling Strength 180° (Aluminum)	N / 25mm	>14	>16	-	-	PSTC-101
		-	-	≥7	-	ASTM D3330
Dielectric Breakdown Voltage (AC)	KV	≥3	≥6	≥4	-	ASTM D149
Thermal Impedance@10psi	° C*in² / W	0.93	1.26	0.68		ASTM D5470 Modified
Thermal Impedance@30psi	° C*in² / W	0.76	1.06	0.66	-	ASTM D5470 Modified
Thermal Impedance@50psi	° C*in² / W	0.61	1.05	0.65	-	ASTM D5470 Modified

※Die-cut for different shapes
※Roll type available

T-Global Technonology Co., Ltd.

No.33, Ln.50, Daren Rd., Taoyuan Dist., Taoyuan City 330058, Taiwan
T +886-3-361-8899 E service@tglobalcorp.com W www.tglobalcorp.com

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