

TG-T1000T Thermal Tape

REACH Compliant RoHS Compliant

Features

- Good adhesion (Acrylic PSA)
- Great reliability
- Cost effective with great performance
- Easy to assemble
- Customization services

Application:

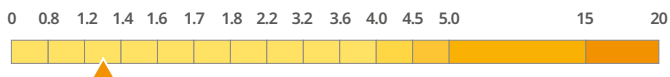
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

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 : 1.3 W/m•K



Properties	Unit	TG-T1000T	Tolerance	Test Method
Thermal Conductivity	W/m•K	1.3	± 10%	ASTM D5470 Modified
Thickness	mm	0.11	-	ASTM D374
Color	-	Gray	-	-
Reinforcement Carrier	-	PET	-	-
Operating Temperature	° C	-40~+120	-	-
Short time use temperature (30sec)	° C	200	-	-
Density	g/cm ³	1.5	-	ASTM D792
Initial Tack	cm	24	-	PSTC-6
Holding Power 1000g@25° C using 1 in ²	min	>1000	-	PSTC-7
180° Peeling Strength (Aluminum)	N / 25mm	≥7	-	ASTM D3330
Dielectric Breakdown Voltage (AC)	KV	≥4	-	ASTM D149
Thermal Impedance@10psi	° C*in ² / W	0.68	-	ASTM D5470 Modified
Thermal Impedance@30psi	° C*in ² / W	0.66	-	ASTM D5470 Modified
Thermal Impedance@50psi	° C*in ² / W	0.65	-	ASTM D5470 Modified

- ※ Die-cut for different shapes
- ※ Roll type available