



# Li2000 / Li2000A Thermal Tape

REACH Compliant    RoHS Compliant    UL Compliant

## Features

- Silicone PSA
- Good adhesive
- Long time use temperature of 170°C
- Electrical insulation

## Applications:

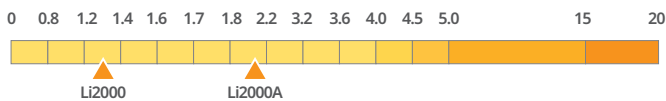
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

## 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 : 1.3(Li2000) / 2.1(Li2000A) W/mK**



Properties	Unit	Li2000		Li2000A	Tolerance	Test Method
Thermal Conductivity	W/m•K	1.3	1.3	2.1	±0.12	ASTM D5470 Modified
Thickness	mm	0.15	0.25	0.2	-	ASTM D374
Color	-	White			-	-
Reinforcement Carrier	-	Fiberglass Mesh		-	-	-
Operating Temperature	° C	-45~170			-	-
Short time use temperature (30sec)	° C	288	288	260	-	-
Density	g/cm <sup>3</sup>	1.6	1.6	2.3	±5%	ASTM D792
Initial Tack	° C	10	10	>30	-	PSTC-6
Lap Shear Strength	cm	74	76	35	-	ASTM D1002
Die Shear Strength@25° C	N/cm <sup>2</sup>	113	126	60	-	-
Die Shear Strength@80° C	N/cm <sup>2</sup>	80	85	50	-	-
Die Shear Strength@150° C	N/cm <sup>2</sup>	30	35	40	-	-
Holding Power 1000g@25° Cusing 1 in <sup>2</sup>	min	>40000			-	PSTC-7
Holding Power 1000g@80° Cusing 1 in <sup>2</sup>	min	>40000			-	PSTC-7
Holding Power 1000g@150° Cusing 1 in <sup>2</sup>	min	>10000			-	PSTC-7
Tensile strength	psi	450	650	-	-	ASTM D412
Dielectric Breakdown Voltage (AC)	KV	≥2	≥3.1	≥3.6	-	ASTM D149
Dielectric Breakdown Voltage (DC)	KV	≥3.1	≥4.1	≥4.6	-	ASTM D149
Volume Resistivity	Ohm-m	>10 <sup>12</sup>	>10 <sup>12</sup>	>10 <sup>9</sup>	-	ASTM D257
Thermal Impedance@10psi	° C*in <sup>2</sup> /W	0.68	1.13	0.69	-	ASTM D5470 Modified
Thermal Impedance@30psi	° C*in <sup>2</sup> /W	0.66	1.10	0.53	-	ASTM D5470 Modified
Thermal Impedance@50psi	° C*in <sup>2</sup> /W	0.61	1.04	0.49	-	ASTM D5470 Modified
Flame Rating	-	V-0			-	UL94

※Die-cut for different shapes

※Roll type available

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