



# 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

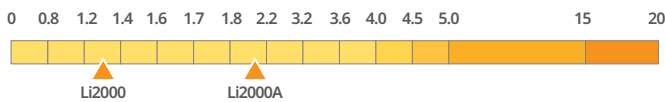
Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, etc.

## Storage

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

## Properties

Thermal Conductivity : 1.3(Li2000) / 2.1(Li2000A) W/mK



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

Pre-cut for different shapes

Roll type is available

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T-Global Technology are proud to announce the launch of a new company logo and mission statement as part of the ongoing growth and evolution of our company's brand.

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