

# Li2000 Thermal Tape



## Features

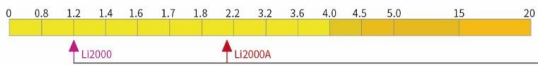
- Silicone PSA
- Good adhesive
- Long time use temperature of 170°C
- UL compliant
- Electrical insulation

## Applications

Electronic components: IC, CPU, MOS, LED  
Mother Board, Power Supply, Heat Sink, LCD-TV,  
Notebook, PC, Telecom Device, Wireless Hub,  
DDR II Module, DVD Applications, Hand-set Applications etc

## Properties

- ◆ REACH Compliant
- ◆ RoHS Compliant
- ◆ UL Compliant

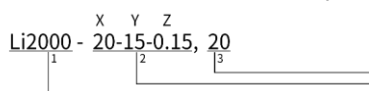
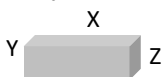


Li2000 Thermal Conductivity : 1.2 W/m.K  
Li2000A Thermal Conductivity : 2 W/m.K

Physical Properties	Li2000		Li2000A	Unit	Tolerance	Test Method
Thermal Conductivity	1.2	1.2	2	W / mK	±0.12	ASTM D5470
Thickness	0.15	0.25	0.2	mm	-	ASTM D374
Color	White	White	White白	-	-	Visual
Reinforcement Carrier	Fiberglass		-	-	-	-
Continuous Working Temperature	-45~170	-45~170	-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	cm	-	PSTC-6
Lap Shear Strength	74	76	35	N / cm <sup>2</sup>	-	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°C using 1 in <sup>2</sup>	>40000	>40000	>40000	min	-	PSTC-7
Holding Power 1000g@80°C using 1 in <sup>2</sup>	>40000	>40000	>40000	min	-	PSTC-7
Holding Power 1000g@150°C using 1 in <sup>2</sup>	>10000	>10000	>10000	min	-	PSTC-7
Tensile Strength	450	650	-	psi	-	ASTM D412
Dielectric Breakdown Voltage(Vac)	2	3	3.5	KV	±10%	ASTM D149
Dielectric Breakdown Voltage (Vdc)	3	4	4.5	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	0.70	1.17	0.71	°C-in <sup>2</sup> / W	-	ASTM D5470
Thermal Impedance@ 30psi	0.68	1.13	0.55	°C-in <sup>2</sup> / W	-	ASTM D5470
Thermal Impedance@ 50psi	0.63	1.07	0.51	°C-in <sup>2</sup> / W	-	ASTM D5470
Flame Rating	V-0	V-0	V-0	-	-	UL 94

## Need Samples?

## Pre-cut for different shapes



1. Choose the P/N
2. Fill into size: X, Y, Z
3. Fill the quantity you need

T-global recommends a 6-months shelf life at maximum continuous storage temperature of 25 °C for maintenance of controlled adhesion to the liner.

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Thermal Interface Materials: Thermal Pad, Thermal Tape, Thermal Grease, Ceramic Heat Spreader



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