

# Li2000A Thermal Tape



## Features

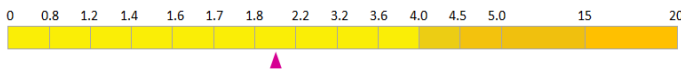
- Silicone PSA
- Long time use temperature of 170°C
- High thermal conductivity due to no base material
- UL compliant
- Electrical insulation

## Applications

- Electronic components: IC, CPU, MOS
- LED, M/B, P/S, Heat Sink, LCD-TV, Notebook PC,
- DDR II Module, PC, Telecom Device, Wireless Hub.....etc
- DVD Applications, Hand-set applications.....etc

## Properties

- ✓ REACH Compliant
- ✓ RoHS Compliant
- ✓ UL Compliant

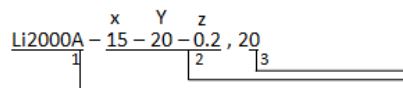


Thermal Conductivity: 2 W/m.K (W/m.K, Z axis)

Physical Properties	Li2000A	Unit	Tolerance	Test Method
Thermal Conductivity	2	W / mK	±0.2	ASTM D5470
Thickness	0.2	mm	-	ASTM D374
Color	White	-	-	Visual
Reinforcement Carrier	-	-	-	-
Continuous Working Temperature	-45~170	°C	-	-
Short time Use Temperature (30sec)	260	°C	-	-
Density	2.3	g / cm3	-	ASTM D792
Initial tack	>30	cm	-	PSTC-6
Lap Shear Strength	35	N / cm <sup>2</sup>	-	ASTM D1002
Die Shear Strength @25°C	60	N / cm <sup>2</sup>	-	-
Die Shear Strength @80°C	50	N / cm <sup>2</sup>	-	-
Die Shear Strength @150°C	40	N / cm <sup>2</sup>	-	-
Holding Power 1000g@25°C using 1 in <sup>2</sup>	>40000	min	-	PSTC-7
Holding Power 1000g@80°C using 1 in <sup>2</sup>	>40000	min	-	PSTC-7
Holding Power 1000g@150°C using 1 in <sup>2</sup>	>10000	min	-	PSTC-7
Dielectric Breakdown Voltage (Vac)	3.5	KV	±0.35	ASTM D149
Dielectric Breakdown Voltage (Vdc)	4.5	KV	±0.45	ASTM D149
Volume Resistance	>10 <sup>11</sup>	Ohm-cm	-	ASTM D257
Thermal Impedance@ 10psi	0.71	°C-in <sup>2</sup> / W	-	ASTM D5470
Thermal Impedance@ 30psi	0.55	°C-in <sup>2</sup> / W	-	ASTM D5470
Thermal Impedance@ 50psi	0.51	°C-in <sup>2</sup> / W	-	ASTM D5470
Flame rating	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

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



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