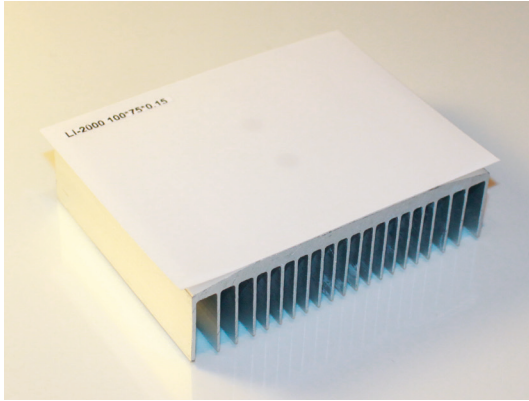


Li-2000

Thermal Tape on rolls



Features

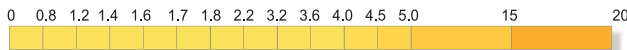
- Good adhesion
- Low contact thermal impedance
- High thermal conductivity
- High bond strength
- High temp-long term stability
- Electrically insulating

Applications

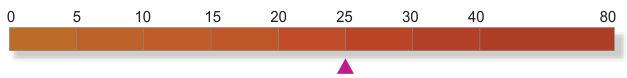
- Electronic components: IC / CPU / MOS / LED / M/B / P/S / Heat Sink
- LCD-TV / Notebook PC / PC / Telecom Device / Wireless Hub etc....
- DDR II Module / DVD Applications / Hand-Set applications etc...

Properties

Thermal Conductivity: 1.0 W/m.k

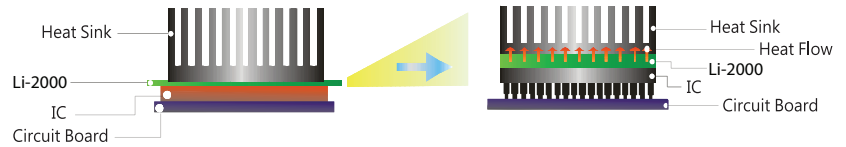


Hardness: (Shore A)



Thermal Resistance V.S Pressure V.S Deflection

- REACH Compliant
- RoHS Compliant



Property	Li-2000		Unit	Test Method
Colour	White	White	-	Visual
Reinforcement Carrier	Fibreglass	Fibreglass	-	-
Thickness	0.15	0.25	mm	ASTM D374
Roll Length / Width	50 - 320	50 - 320	Metres / mm	-
Continuous working temperature	-45~170	-45~170	°C	-
Short term use temperature	260	260	°C	-
Initial Tack	10	10	cm	PSRC-6
Lap shear strength	74	76	N/cm ²	D1002
Die Sheer strength @ 25°C	113	126	N/cm ²	-
Die Sheer strength @ 80°C	80	85	N/cm ²	-
Die Sheer strength @ 150°C	30	35	N/cm ²	-
Holding Power 1kg @ 25°C	>40000	>40000	min	PSCT-7
Holding Power 1kg @ 80°C	>40000	>40000	min	PSCT-7
Holding Power 1kg @ 150°C	>10000	>10000	min	PSCT-7
Tensile Strength	6	6	N/mm ²	ASTM D412
Elongation	70	70	%	ASTM D412
Dielectric strength	>2	>3	KV/mm	ASTM D149
Volume resistivity	>10 ¹¹	>10 ¹¹	Ohm-cm	ASTM D257
Thermal conductivity	1.2	1.2	W/m*K	ASTM D5470
0psi thermal resistance	0.90	1.40	0°C in ² /W	ASTM D5470
10psi thermal resistance	0.81	1.30	0°C in ² /W	ASTM D5470
30psi thermal resistance	0.76	1.16	0°C in ² /W	ASTM D5470
50psi thermal resistance	0.73	0.90	0°C in ² /W	ASTM D5470
70psi thermal resistance	0.68	0.86	0°C in ² /W	ASTM D5470
100psi thermal resistance	0.54	0.80	0°C in ² /W	ASTM D5470
Flame rating	V-1	V-1	-	UL94

Available with an adhesive backing

