

# Li98 導熱膠帶 Thermal Tape



## 產品特性 Features

- Good adhesion 良好的黏著性 (Acrylic PSA)
- Great reliability 高可靠度
- Cost effective with great performance C/P值高
- Easy to assemble 加工容易
- Customization services for different industries 依需求客製化

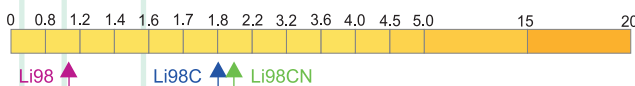
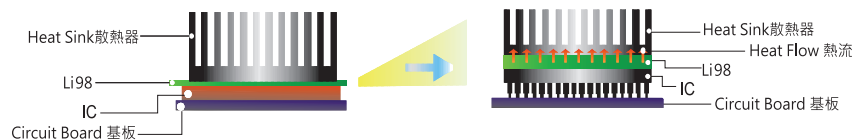
## 產品應用端 Applications

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

## 產品物性 Properties

REACH Compliant 符合REACH規範

RoHS Compliant 符合RoHS規範



Thermal Conductivity 導熱係數: 0.95 W/mK (W/mK, Z axis)  
Thermal Conductivity 導熱係數: 1.8 W/mK (W/mK, Z axis)  
Thermal Conductivity 導熱係數: 2 W/mK (W/mK, Z axis)

Properties	Li 98	Li 98C	Li 98CN	Unit	Tolerance	Test Method	
Thermal Conductivity 導熱係數	0.95	0.95	1.8	1.8	2	W / mK ±10% ASTM D5470	
Thickness 厚度	0.15	0.25	0.15	0.25	0.18	mm - ASTM D374	
Color 顏色	White 白					-	Visual 目視
reinforcement Carrier 補強材	Fiberglass mesh					-	-
Continuous Working Temperature 工作溫度	-30 to 120	-30 to 120	-30 to 120	-30 to 120	-30 to 120	°C -	-
Short time use temperature (30sec) 短期耐溫	200	200	200	200	200	°C -	-
Density 密度	1.85	1.85	1.8	1.8	1.8	g / cm <sup>3</sup> -	ASTM D792
Tensile strength 抗拉強度	200	400	200	400	-	psi -	ASTM D412
Glass Transition temperature 玻璃轉化溫度	-30	-30	-27	-27	-30	°C -	-
Initial Tack 初期黏性	10	8	14	12	15	cm -	PSTC-6
Lap Shear Strength 剪切強度	61	61	55	50	55	N / cm <sup>2</sup> -	ASTM D1002
Die Shear Strength@25°C 晶片抗切強度	120	120	109	100	100	N / cm <sup>2</sup> -	-
Die Shear Strength@80°C 晶片抗切強度	69	69	68	68	55	N / cm <sup>2</sup> -	-
Holding Power 1000g@25°C using 1 in <sup>2</sup> 保持力	>10000	>10000	>10000	>10000	>10000	min -	PSTC-7
Holding Power 1000g@80°C using 1 in <sup>2</sup> 保持力	>10000	>10000	>10000	>10000	>10000	min -	PSTC-7
90° Peeling Strength (aluminum) 剝離強度	>10	>12	>6	>8	>8	N/in -	ASTM D3330
Dielectric Breakdown Voltage (Vac) 耐電壓	2	3	2	3	5	KV ±10%	ASTM D149
Dielectric Breakdown Voltage (Vdc) 耐電壓	3	4	3	4	6	KV ±10%	ASTM D149
Thermal Impedance@10psi 熱阻抗	0.96	1.3	0.66	0.92	0.75	°C-in <sup>2</sup> / W -	ASTM D5470
Thermal Impedance@30psi 熱阻抗	0.78	1.08	0.62	0.88	0.7	°C-in <sup>2</sup> / W -	ASTM D5470
Thermal Impedance@50psi 熱阻抗	0.63	1.095	0.55	0.9	0.68	°C-in <sup>2</sup> / W -	ASTM D5470

Need samples? 樣品需求?

Pre-cut for different shapes 可依需求沖型裁切

