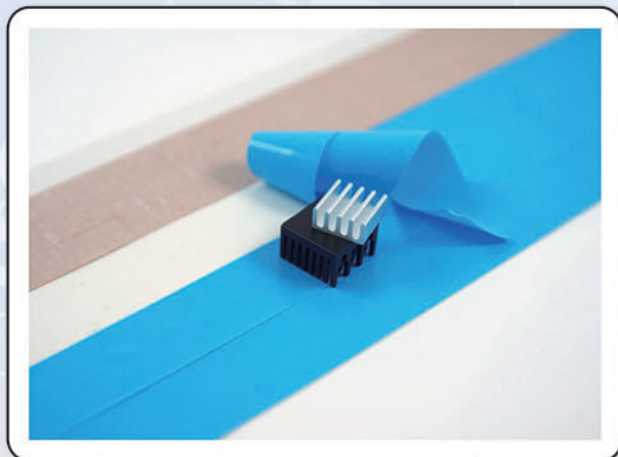


Liv2 / Li98P 導熱膠帶 Thermal Tape



產品特性 Features

- High voltage resistance 耐電壓高
- Good adhesion 良好的黏著性 (Acrylic PSA)
- Great reliability 高可靠度
- 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, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, 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 ● UL Compliant 符合UL規範



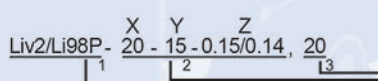
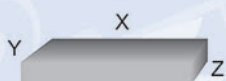
Liv2 Thermal Conductivity 導熱係數: 1.0 W/m.K
Li98P Thermal Conductivity 導熱係數: 1.7 W/m.K

Properties	Liv2		Li98P		Unit	Tolerance	Test Method
Thermal Conductivity 導熱係數	1	1	1.7	1.7	W / mK	±0.17	ASTM D5470
Thickness 厚度	0.15	0.25	0.125	0.14	mm	-	ASTM D374
Color 顏色	White白				-	-	Visual目視
reinforcement Carrier補強材	Fiberglass Mesh		Polyimide		-	-	-
Continuous Working Temperature工作溫度	-30~120	-30~120	-30~120	-30~120	°C	-	-
Short time Use Temperature(30sec)短期耐溫	180	180	250	250	°C	-	-
Density密度	1.85	1.85	1.3	1.2	g / cm ³	-	ASTM D792
Tensile Strength抗拉強度	200	400	500	600	psi	-	ASTM D412
Glass Transition Temperature玻璃轉化溫度	-30	-30	-25	-25	°C	-	-
Initial Tack初期黏性	11	10	15	15	cm	-	PSTC-6
Lap Shear Strength剪切強度	60	60	63	62	N / cm ²	-	ASTM D1002
Die Shear Strength @25°C晶片抗切強度	120	120	115	115	N / cm ²	-	-
Die Shear Strength@80°C晶片抗切強度	69	69	66	64	N / cm ²	-	-
Holding Power 1000g@25°C using 1 in ² 保持力	>10000	>10000	>10000	>10000	min	-	PSTC-7
Holding Power 1000g@80°C using 1 in ² 保持力	>10000	>10000	>10000	>10000	min	-	PSTC-7
90° Peeling Strength (aluminim)剝離強度	15	16	>10	>10	N / in	-	ASTM D3330
Dielectric Breakdown Voltage (Vac)耐電壓	2	3	4	5	KV	±10%	ASTM D149
Dielectric Breakdown Voltage (Vdc)耐電壓	3	4	5	6	KV	±10%	ASTM D149
Thermal Impedance@10psi熱阻抗	0.78	1.30	0.8	0.9	°C-in ² / W	-	ASTM D5470
Thermal Impedance@30psi熱阻抗	0.72	1.15	0.77	0.83	°C-in ² / W	-	ASTM D5470
Thermal Impedance@50psi熱阻抗	0.65	1.10	0.75	0.81	°C-in ² / W	-	ASTM D5470
Flame Rating耐燃等級	V-0	V-0	V-0	V-0	-	-	UL94

Need samples? 樣品需求?

Pre-cut for different shapes 可依需求沖型裁切

Roll type is available 可製成捲料



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.

建議保存於25°C以下之環境，並於6個月內使用完畢，以保持膠帶及離型紙具適當的黏合度