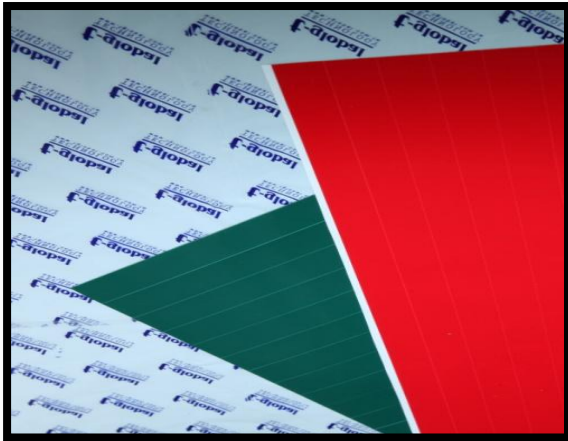


# Li98 Thermal Tape



## Features

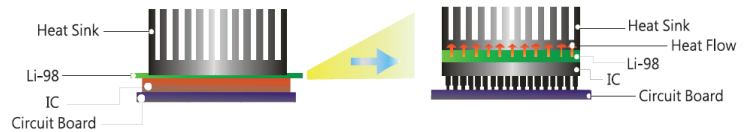
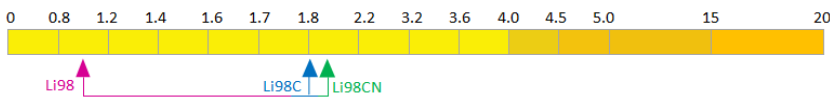
- Good adhesion (Acrylic PSA)
- Soft and compressibility
- Easy to assemble

## 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

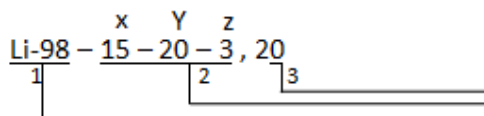


Thermal Conductivity: 0.95 W/m.K (W/m.K, Z axis)  
 Thermal Conductivity: 1.8 W/m.K (W/m.K, Z axis)  
 Thermal Conductivity: 2 W/m.K (W/m.K, Z axis)

Physical Properties	Li 98		Li 98C		Li 98CN	Tolerance	Unit	Test Method
Thickness	0.15	0.25	0.15	0.25	0.18	-	-	ASTM D374
Color	White	White	White	White	White	-	-	Visual
reinforcement Carrier	Fiberglass mesh				-	-	-	-
Density	1.85	1.85	1.8	1.8	1.8	-	g/cm <sup>3</sup>	ASTM D792
Tensile strength	200	400	200	400	50	-	psi	ASTM D412
Glass Transition temperature	-30	-30	-27	-27	-30	-	°C	-
Short time use temperature (30sec)	200	200	200	200	200	-	°C	-
Continuous Working Temperature	-30 to 120	-30 to 120	-30 to 120	-30 to 120	-30 to 120	-	°C	-
Thermal Conductivity	0.95	0.95	1.8	1.8	2	±10%	W/mK	ASTM D5470
Thermal Impedance@<1psi	1	1.5	0.7	1.2	0.6	-	°C-in <sup>2</sup> /W	ASTM D5470
Thermal Impedance@50psi	0.9	1.3	0.5	0.9	0.3	-	°C-in <sup>2</sup> /W	ASTM D5470
Initial Tack	10	8	14	12	15	-	cm	PSTC-6
Lap Shear Strength	61	61	55	50	55	-	N/cm <sup>2</sup>	ASTM D1002
Die Shear Strength@25°C	120	120	109	100	100	-	N/cm <sup>2</sup>	-
Die Shear Strength@80°C	69	69	68	68	55	-	N/cm <sup>2</sup>	-
Holding Power 1000g@25°C using 1	>10000	>10000	>10000	>10000	>10000	-	min	PSTC-7
Holding Power 1000g@80°C using 1	>10000	>10000	>10000	>10000	>10000	-	min	PSTC-7
90° Peeling Strength (aluminum)	>10	>12	>7	>8	>10	-	N/cm	ASTM D3330
Dielectric Breakdown Voltage (Vac)	>2000	>3000	>2000	3000	>5000	±10%	V	ASTM D149
Dielectric Breakdown Voltage (Vdc)	>3000	>4000	>3000	4000	>6000	±10%	V	ASTM D149

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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