

Li98 Thermal Tape



Features

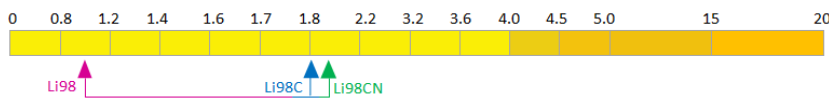
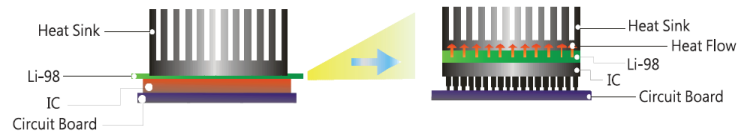
- Good adhesion (Acrylic PSA)
- Great reliability
- Cost effective with great performance
- Easy to assemble
- Customization services for different industries

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 | Unit | Tolerance | Test Method |
|--|-----------------|------------|------------|------------|------------|------------------------|-----------|-------------|
| Thermal Conductivity | 0.95 | 0.95 | 1.8 | 1.8 | 2 | W / mK | ±10% | ASTM D5470 |
| Thickness | 0.15 | 0.25 | 0.15 | 0.25 | 0.18 | mm | - | ASTM D374 |
| Color | White | | | | | - | - | Visual |
| Reinforcement Carrier | Fiberglass mesh | | | | | - | - | - |
| Continuous Working Temperature | -30 to 120 | -30 to 120 | -30 to 120 | -30 to 120 | -30 to 120 | °C | - | - |
| Short time use temperature (30sec) | 200 | 200 | 200 | 200 | 200 | °C | - | - |
| Density | 1.85 | 1.85 | 1.8 | 1.8 | 1.8 | g / cm ³ | - | ASTM D792 |
| Tensile strength | 200 | 400 | 200 | 400 | - | psi | - | ASTM D412 |
| Glass Transition temperature | -30 | -30 | -27 | -27 | -30 | °C | - | - |
| Initial Tack | 10 | 8 | 14 | 12 | 15 | cm | - | PSTC-6 |
| Lap Shear Strength | 61 | 61 | 55 | 50 | 55 | N / cm ² | - | ASTM D1002 |
| Die Shear Strength@25°C | 120 | 120 | 109 | 100 | 100 | N / cm ² | - | - |
| Die Shear Strength@80°C | 69 | 69 | 68 | 68 | 55 | N / cm ² | - | - |
| Holding Power 1000g@25°C using 1 in ² | >10000 | >10000 | >10000 | >10000 | >10000 | min | - | PSTC-7 |
| Holding Power 1000g@80°C using 1 in ² | >10000 | >10000 | >10000 | >10000 | >10000 | min | - | PSTC-7 |
| 90° Peeling Strength (aluminum) | >10 | >12 | >6 | >8 | >8 | N / in | - | ASTM D3330 |
| Dielectric Breakdown Voltage (Vac) | 2 | 3 | 2 | 3 | 5 | KV | ±10% | ASTM D149 |
| Dielectric Breakdown Voltage (Vdc) | 3 | 4 | 3 | 4 | 6 | KV | ±10% | ASTM D149 |
| Thermal Impedance@10psi | 0.96 | 1.3 | 0.66 | 0.92 | 0.75 | °C-in ² / W | - | ASTM D5470 |
| Thermal Impedance@30psi | 0.78 | 1.08 | 0.62 | 0.88 | 0.7 | °C-in ² / W | - | ASTM D5470 |
| Thermal Impedance@50psi | 0.63 | 1.095 | 0.55 | 0.9 | 0.68 | °C-in ² / W | - | ASTM D5470 |

Need samples?

Pre-cut for different shapes



Li98 - $\frac{x}{1} - \frac{y}{2} - \frac{z}{3} - 0.15, 20$

1. Choose the P/N
2. Fill into size: x, y, z
3. Fill the quantity you need

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