

Li98 Thermal Tape

REACH Compliant RoHS Compliant

Features

- Good adhesion
- Great reliability
- Cost effective with great performance
- Easy to assemble
- Customization services

Applications

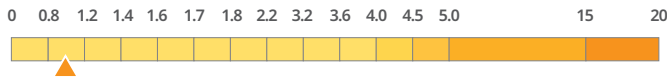
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

Storage

T-Global guarantees a 6-month shelf life at maximum continuous storage. Storage temperature should be under 25°C to maintain controlled adhesion to the liner.

Properties

Thermal Conductivity : 1 W/m·K



Properties	Unit	Li98		Tolerance	Test Method
Thermal Conductivity	W/m·K	1	1	±10%	ASTM D5470 Modified
Thickness	mm	0.15	0.25	-	ASTM D374
Color	-	White		-	-
Reinforcement Carrier	-	Fiberglass Mesh		-	-
Operating Temperature	°C	-30~+120		-	-
Short Time Use Temperature (30sec)	°C	200		-	-
Density	g/cm ³	1.85		±5%	ASTM D792
Tensile Strength	psi	200	400	-	ASTM D412
Glass Transition Temperature	°C	-30	-30	-	-
Initial Tack	cm	10	8	-	PSTC-6
Lap Shear Strength	N/cm ²	61		-	ASTM D1002
Die Shear Strength @25° C	N/cm ²	120		-	-
Die Shear Strength @80° C	N/cm ²	69		-	-
Holding Power 1000g @25° Cusing 1 in ²	min	>10000		-	PSTC-7
Holding Power 1000g @80° Cusing 1 in ²	min	>10000		-	PSTC-7
Peeling Strength 90° (Aluminum)	N/in	>10	>12	-	ASTM D3330
Dielectric Breakdown Voltage (AC)	kV	≥2	≥3.1	-	ASTM D149
Dielectric Breakdown Voltage (DC)	kV	≥3.1	≥4.1	-	ASTM D149
Thermal Impedance @10psi	°C*in ² /W	0.93	1.26	-	ASTM D5470 Modified
Thermal Impedance @30psi	°C*in ² /W	0.76	1.05	-	ASTM D5470 Modified
Thermal Impedance @50psi	°C*in ² /W	0.61	1.06	-	ASTM D5470 Modified

※Die-cut for different shapes
 ※Roll type available

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