

Li98C Thermal Tape

REACH Compliant RoHS Compliant

Features

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

Application:

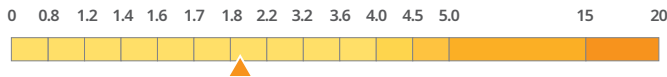
Electronic Components - 5G, Aerospace, AI, AIoT, AR/VR/MR/XR, Automotive, Consumer Devices, Datacom, Electric Vehicle, Electronic Products, Energy Storage, Industrial, Lighting Equipment, Medical, Military, Netcom, Panel, Power Electronics, Robot, Servers, Smart Home, Telecom, etc.

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 : 1.9 W/m•K



Properties	Unit	Li98C		Tolerance	Test Method
Thermal Conductivity	W/m•K	1.9	1.9	±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	1.8	1.8	±5%	ASTM D792
Tensile Strength	psi	200	400	-	ASTM D412
Glass Transition Temperature	° C	-27	-27	-	-
Initial Tack	cm	14	12	-	PSTC-6
Lap Shear Strength	N/cm ²	55	50	-	ASTM D1002
Die Shear Strength@25° C	N/cm ²	109	100	-	-
Die Shear Strength@80° C	N/cm ²	68	68	-	-
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	>6	>8	-	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	0.64	0.89	-	ASTM D5470 Modified
Thermal Impedance@30psi	° C*in ² /W	0.60	0.85	-	ASTM D5470 Modified
Thermal Impedance@50psi	° C*in ² /W	0.53	0.87	-	ASTM D5470 Modified

※Die-cut for different shapes
 ※Roll type available

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