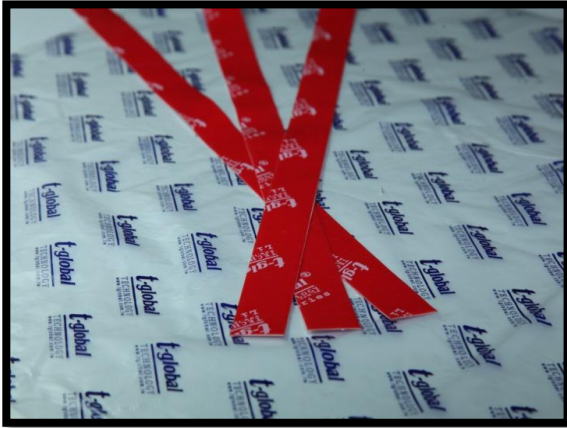


Liv2 Thermal Tape



Features

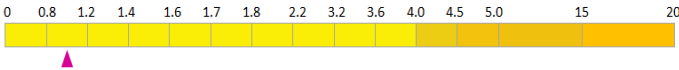
- Good adhesion (Acrylic PSA)
- Very good thermal conductivity
- Soft and compressibility
- Easy to assemble

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

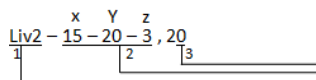


Thermal Conductivity: 1.0 W/m.K (W/m.K, Z axis)

Physical Properties	Liv2		Tolerance	Unit	Test Method
Thickness	0.15	0.25	-	-	ASTM D374
Color	White	White	-	-	Visual
Reinforcement Carrier	Fiberglass Mesh		-	-	-
Density	1.85	1.85	-	g/cm ³	ASTM D792
Tensile Strength	200	400	-	Psi	ASTM D412
Glass Transition Temperature	-30	-30	-	°C	-
Short time Use Temperature(30sec)	180	180	-	°C	-
Continuous Working Temperature	-30 to 120	-30 to 120	-	°C	-
Thermal Properties					
Thermal Conductivity	1	1	±0.1	W/mK	ASTM D5470
Thermal Impedance @<1psi	0.9	1.5	-	°C-in/W	ASTM D5470
Thermal Impedance @50psi	0.65	1.1	-	°C-in/W	ASTM D5470
Adhesion Properties					
Initial Tack	11	10	-	cm	PSTC-6
Lap Shear Strength	60	60	-	N/cm ²	ASTM D1002
Die Shear Strength @25°C	120	120	-	N/cm ²	-
Die Shear Strength@80°C	69	69	-	N/cm ²	-
Holding Power 1000g@25°C using 1	>10000	>10000	-	min	PSTC-7
Holding Power 1000g@80°C using 1	>10000	>10000	-	min	PSTC-7
180° Peeling Strength (aluminum)	14	15	-	N/in	ASTM D3330
90° Peeling Strength (aluminum)	15	16	-	N/in	ASTM D3330
Electrical Properties					
Dielectric Breakdown Voltage (Vac)	2000	3000	±10%	V	ASTM D149
Dielectric Breakdown Voltage (Vdc)	3000	4000	±10%	V	ASTM D149
UL flammability class	V-0	V-0	-	-	UL 94

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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