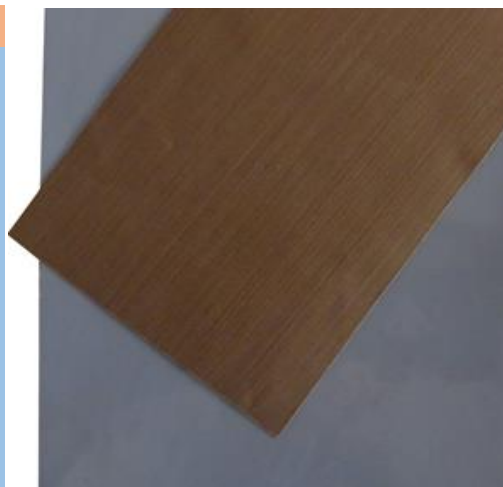


Description

LISAT LST-TIP-321 is a 2W Silicon Free Thermal Interface Material (TIM) effective for uneven surface and silicone sensitive applications. LST-TIP-321 has a reinforcement which added durability to the product and allow easy handling of parts during assembly work. The product is available with a protective liner with reduced tack on one side allowing for assembly process and easy rework. Having good thermal conductivity and non silicone with relatively low pressure, it can achieve low interfacial thermal resistance and effectively remove air to achieve good fill effects.



Features and Benefits

- Good Thermal Conductivity
- Silicone-Free Formulation
- Medium Hardness
- Low Thermal Resistance
- Excellent Perform of Heat Dissipation
- Wide Thickness Range

Typical Applications

- @ Storage Devices
- @ Communication Product
- @ IT & Network Product
- @ LED Lighting & Equipment
- @ Consumer Electronics
- @ Silicon Sensitive Applications Equipment

Properties

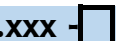
Note : Below technical data and information should be thought as typical or representative only and should not be use for specification purpose

TYPICAL PROPERTIES OF THERMAL INSULATOR LST-TIP-321

PROPERTY	METRIC VALUE	REFERENT STANDARD
Color	Grey	Visual
Hardness (Shore 00)	70	ASTMD2240
Reinforcement Carrier	0.01mm PET Film	ASTM D792
Density (g/cc)	2.92	ASTM D792
Thickness (mm)	0.254 ~ 1.524	N/A
Tensile Strength (Mpa)	0.35	ASTM D412
Elongation (c/o)	105	ASTM D412
Continuous Use Temp (°C)	-40 ~ 200	N/A
ELECTRICAL		
Dielectric Breakdown Volt (KV/mm)	≥ 6.0	ASTM D149
Dielectric Constant (1000Hz)	≥ 6.0	ASTM D150
Volume Resistivity (Ω-cm)	1.1x10 ¹¹	ASTM D257
Flame Rating	V-O	UL94
THERMAL		
Thermal Conductivity (W/m-K)	2.0	ASTM D5470

Part-Number Ordering System :

LST-TIP-321-x.xxx



Blank = Non Adhesive

AC = Adhesive Coated

Standard Thickness =

0.254 (10mil) to 1.524 (60mil)

LISAT

2870 Scott Street, Suite 101 Vista, CA 92081, U.S.A.

Tel : (1)-760-5981066 /Fax : (1)-760-5982871 /Email : alan@lisat.net /Web: www.lisat.net