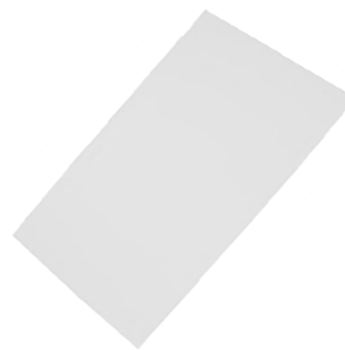


Description

LISAT LST-TIP-360 is a material that has good and high thermal conductivity of 6.0 W/m-K made from Silica Gel Film. With excellent heat conduction and soft silicone heat-conducting, the material has a stable insulation performance characteristics of soft and elastic. It has a good contact between the heating device and heat radiating member, effectively improving the heat transfer speed. Commonly used between Semiconductor and Radiating Fin, LED lighting and LED equipment.



Features and Benefits

- Good & High Thermal Conductivity of 6.0 W/m-k
- Silicone Free Formulation
- Low Hardness
- Low Thermal Resistance
- Excellent Performance Of Heat Dissipation
- Wide Thickness Range

Typical Applications

@ Between Semiconductor & Radiating Fin
 @ Communication Product
 @ Large Power Supply
 @ LED Lighting & LED Equipment
 @ LCD Display of Household Appliances
 @ Multimedia Products
 @ Consumer Electronics
 @ Solid State Drive (SSD)

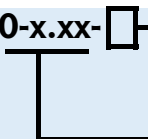
Properties

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-360

PROPERTY	METRIC VALUE	REFERENT STANDARD
Color	White	Visual
Hardness (Shore 00)	30 ~ 60	ASTMD2240
Density (g/cc)	3.10	ASTM D792
Thickness (mm)	0.50 ~ 5.00	N/A
Tensile Strength (Mpa)	0.12	ASTM D412
Elongation (c/o)	25	ASTM D412
Weight Loss (c/o)	≤ 0.3	@150°C/7d
ELECTRICAL		
Dielectric Breakdown Viotage (KV/mm)	≥ 5	ASTM D5470
Volume Resistivity (Ω-cm)	7.5x10 ¹¹	ASTM D257
Flame Rating	V-O	UL94
THERMAL		
Thermal Conductivity (W/m-K)	6.0	ASTM D5470
Thermal Resistance (m ² K/W)	0.0065	ASTM D5470

Part-Number Ordering System : LST-TIP-360-x.xx-



Blank = Non Adhesive

AC = Adhesive Coated

Standard Thickness =

0.50 / 1.00 / 1.50 / 2.00 /

2.50 / 3.00 / 3.50 / 4.00 /

4.50 / 5.00 mm

LISAT

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