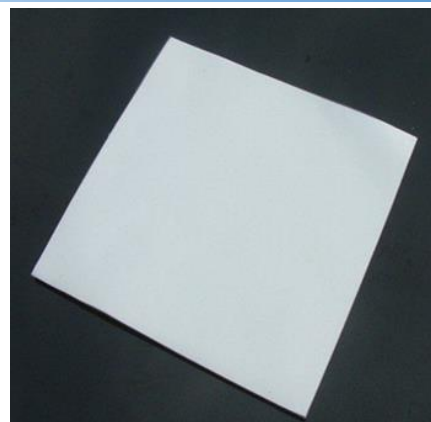


## Description

LISAT LST-TIP-350 has high Thermal Conductivity of Silica Gel Film. It has a Heat Transfer Coefficient of 5W/m-K. It is a Soft Silicone Heat-Conducting material that has a stable Insulation Performance Characteristics of Soft and Elastic. It has a good contact between the heating device and the heat radiating member which will help to achieve heat transfer and insulation effectively. Commonly used in Consumer Electronics, Household Appliances, LCD Display and Large Power Supply.



## Features and Benefits

- Good Thermal Conductivity of 5.0 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
- @ Multimedia Products
- @ Consumer Electronics
- @ Solid State Drive (SSD)

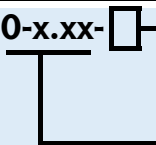
## Properties

*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-350

PROPERTY	METRIC VALUE	REFERENT STANDARD
Color	Grey White	Visual
Hardness (Shore 00)	25 ~ 60	ASTMD2240
Density (g/cc)	3.06	ASTM D792
Thickness (mm)	0.50 ~ 5.00	N/A
Tensile Strength (Mpa)	0.10	ASTM D412
Elongation (c/o)	25	ASTM D412
Weight Loss (c/o)	≤ 0.3	@150°C/7d
<b>ELECTRICAL</b>		
Dielectric Breakdown Voltage (KV/mm)	≥ 5	ASTM D5470
Volume Resistivity (Ω-cm)	6.5x10 <sup>11</sup>	ASTM D257
Flame Rating	V-O	UL94
<b>THERMAL</b>		
Thermal Conductivity (W/m-K)	5.0	ASTM D5470
Thermal Resistance (m <sup>2</sup> K/W)	0.0065	ASTM D5470

Part-Number Ordering System : LST-TIP-350-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**

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

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