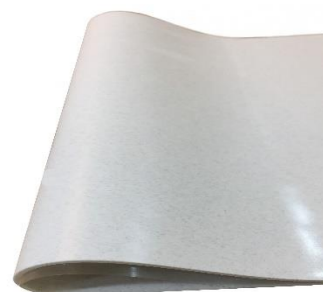


Description

LISAT LST-TIP-63F is a highly flexible Thermal Pad. It is made of Acrylic Adhesive as the base material with heat conductive material. It has good insulation, excellent aging resistance and good dielectric properties. Even with long operation duration, oil leakage will not occur. It is especially suitable for silicone sensitive applications. It has been widely used in high sensitivity probe, high definition camera and other high end electronics appliances industry.



Features and Benefits

- Good Thermal Conductivity Property of 3.0 W/m-k
- Excellent Flexibility and Strength
- Working under Low Pressure
- High Elastic Resilience
- Excellent Dielectric and Heat Dissipation

Typical Applications

- @ Laptop and Computer Hardware
- @ High Speed Storage Drive
- @ Telecom Control Unit
- @ Wireless Electronics Equipment
- @ Mobile Electronics 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-63F

| PROPERTY | METRIC VALUE | REFERENT STANDARD |
|---|-------------------|-------------------|
| Color | White Gray | Visual |
| Density (g/cc) | 2.90 | ASTM D792 |
| Thickness (mm) | 0.5 ~ 3.0 | ASTM D374 |
| Hardness (Shore 00) | 55 | ASTM D2240 |
| Application Temperature (°C) | -40 ~ 150 | - |
| Tensile Strength (Mpa) | 0.17 | ASTM D412 |
| ELECTRICAL | | |
| Dielectric Breakdown Vloitage (KV/mm) | ≥ 8 | ASTM D149 |
| Volume Resistivity (Ω-cm) | ≥ 10 ⁸ | ASTM D257 |
| Dielectric Constant (1000 Hz) | ≥ 5 | ASTM D150 |
| Flame Rating | UL 94 | UL94 |
| THERMAL | | |
| Thermal Conductivity (W/m-K) | 3.0 | ASTM D5470 |
| Thermal Resistance (m ² K/W) | ≤0.6 | ASTM D5470 |

Part-Number Ordering System : LST-TIP-63F-x.xx-
 Blank = Non Adhesive
 AC = Adhesive Coated
 Standard Thickness =
 0.50 / 1.00 / 1.50 /
 2.00 / 2.50 / 3.00 mm

LISAT

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