

# TH 936-1

## Silicone Thermal Sheet

### Description

TH 936-1 is an uncured, one-part thermal conductive interface material based on silicone resins. It is designed for good thermal conduction and high electrical insulation. This silicone thermal sheet has less tackiness and is easy to handle on electronic parts and devices. This silicone thermal sheet can be cut into shape as required.

### Applications

Thermal conductive interface material for electronic parts and devices.

### Guidelines for Use

1. Wear rubber gloves when handling the silicone sheets.
2. Pick up the silicone thermal sheet from the container using hand.
3. Work the silicone sheet around the electronic part and circuit by hand.
4. Wipe off any excess sheet with a piece of dry cloth or tissue.

### Properties

Property	Test Method	Unit	Typical Value
Chemical type	-	-	Silicone
Appearance	Pen 10	-	White
Surface tack	-	-	Both sides tacky
Shelf life, 25°C	Pen 26	Month	6
Adhesion strength	Pen 110	MPa	0.39
Hardness	Pen 29	Shore A	65
Electrical resistivity, 25°C	ASTM D257	Ω cm	1.0 x 10 <sup>13</sup>
Thermal conductivity	ISO/DIS 22007	W/mK	0.85
Volatile content	Pen 92	%	0.1

### Storage

Store this silicone thermal sheet in an air tight container in a cool (20°C to 30°C) and dark place to prolong shelf life. Avoid contact with moisture.

### Packaging & Dimension

- Sheet form
- Will provide customized dimension if required

### Environment, Health & Safety

This product is RoHS compliant. It does not contain any known carcinogenic, mutagenic or teratogenic components.

### Contact Information

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