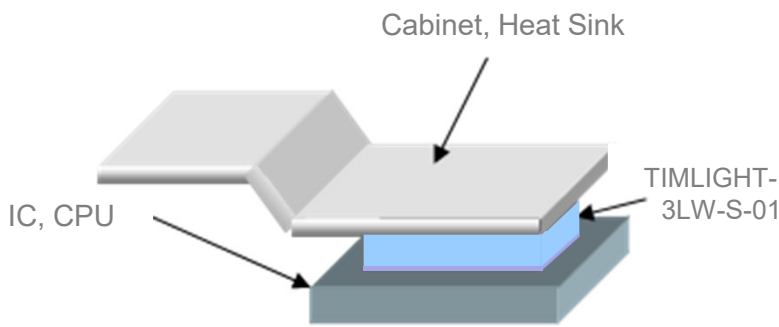


TIMLIGHT-3LW-S-01 3 W/m·K thermal conductive sheet

Description

- TIMLIGHT-3LW-S-01 offers excellent thermal conductivity while maintaining the silicone's superior heat resistance and electrical insulation properties. Its flexibility and adhesive qualities allow it to conform easily to heating elements, enhancing its performance.



Usage Example

Features

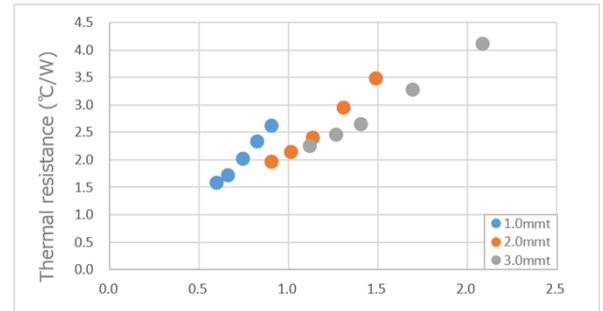
- Thermal Conductivity: 3 W/m·K
- 2-layer type
- Excellent in shape maintenance performance and workability
- Low Thermal Resistance
- Low Hardness
- Single-sides self adhesive (self tacky)
- Low Specific Gravity: 2.2
- Low specific gravity reduces overall weight.

Application

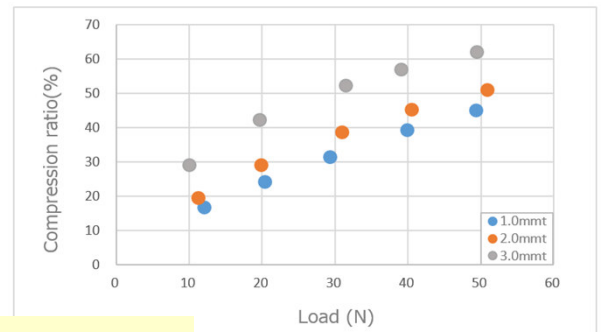
- CPUs, GPUs
- High energy-density LEDs
- Busbar

Typical Properties

Color	Blue / Light Blue
Product configuration	2-layer Type
Thermal Conductivity (ASTM D 5470)	3 W/m·K
Hardness (Shore OO)	40
Specific Gravity	2.2
Volume Resistance	$\geq 1 \times 10^{10} \Omega \cdot \text{cm}$
Breakdown Voltage	$\geq 10 \text{ kV/mm}$
Flame Rating (UL94)	V-0 equivalent
Operating Temperature	-40 ~ 150°C
Thickness	$\geq 1.0 \text{ mm}$



Thickness - Thermal resistance



Load - Compression ratio

* Measurement sample size: 12mm × 12mm

※ The values are for reference only and are not guaranteed. Specifications and appearance are subject to change without notice.