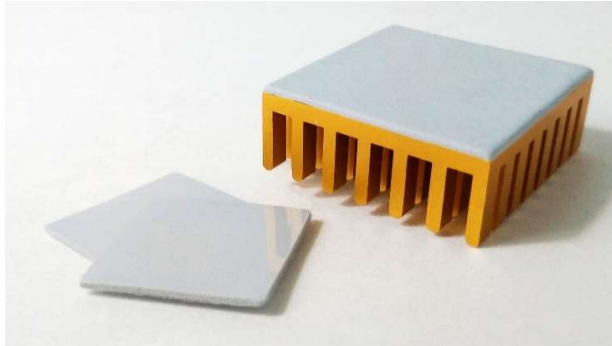


TG-A1780

Ultra Soft Thermal Pad

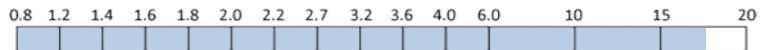
REACH RoHS UL



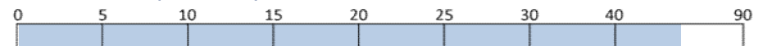
Features

- High thermal conductivity
- Low thermal resistance
- Electrical insulation

Thermal Conductivity : 17.8 W / mK



Hardness : 65 (Shore 00)

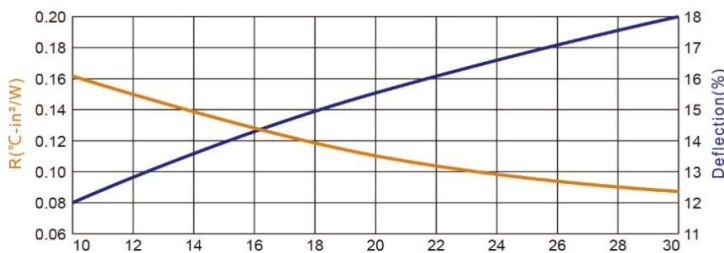


Applications

Best for high power applications

Electronic components: IC, CPU, MOS, LED, Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR II Module, DVD Applications, Hand-set applications etc.

Thermal Resistance VS. Pressure VS. Deflection



| Pressure (psi) | R (°C-in ² /W) | Deflection (%) |
|----------------|---------------------------|----------------|
| 10 | 0.161 | 12 |
| 30 | 0.089 | 18 |

Properties

| Properties | TG-A1780 | Unit | Tolerance | Test Method |
|------------------------------|--------------------|---------------------|-----------|-------------|
| Thermal Conductivity | 17.8 | W / mK | ±1.7 | ASTM D5470 |
| Thickness | 0.5~2.0 | mm | - | ASTM D374 |
| | 0.0197~0.0787 | inch | - | ASTM D374 |
| Color | Light Gray | - | - | Visual |
| Flame Rating | V-0 | - | - | UL 94 |
| Dielectric Breakdown Voltage | 4 | KV / mm | - | ASTM D149 |
| Weight Loss | <1 | % | - | ASTM E595 |
| Density | 3.5 | g / cm ³ | - | ASTM D792 |
| Working Temperature | -50 ~ +150 | °C | - | - |
| Volume Resistance | 6x10 ¹² | Ohm-m | - | ASTM D257 |
| Elongation | 20 | % | - | ASTM D412 |
| Standard Shape | Sheet ones | - | - | - |
| Hardness | 65 | Shore 00 | ±5 | ASTM D2240 |

Need samples? **Pre-cut for different shapes**

T-Global Technonology Co., Ltd

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