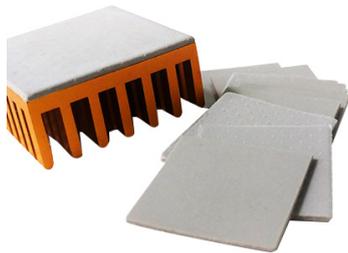


Ultra Soft Thermal Pads

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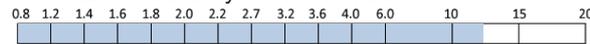


Features

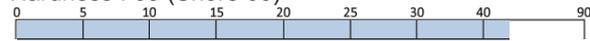
- High thermal conductivity
- Low thermal resistance
- Electrical insulation

**RoHS
Compliant**

Thermal Conductivity : 16.6 W / mK



Hardness : 65 (Shore 00)

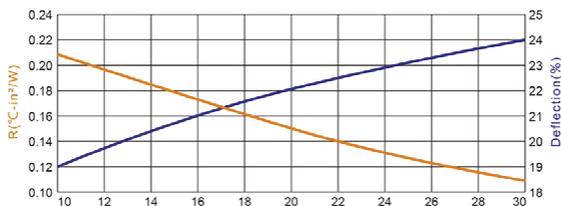


Applications

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-in²/W) | Deflection(%) |
|----------------|-------------|---------------|
| 10 | 0.209 | 19 |
| 30 | 0.112 | 24 |

Properties

| Properties | TG-A1660 | Unit | Tolerance | Test Method |
|------------------------------|------------------------------|---------------------|-----------|-------------|
| Thermal Conductivity | 14.5 | W / mK | ±1.6 | ASTM D5470 |
| Thickness | 0.5 to 2 | mm | - | ASTM D374 |
| | 0.0197 to 0.0787 | inch | - | ASTM D374 |
| Colour | Dark Gray | - | - | Visual |
| Flame Rating | V-0 | - | - | UL 94 |
| Dielectric Breakdown Voltage | 5 | kV / mm | ±10% | ASTM D149 |
| Weight Loss | <1 | % | - | ASTM E595 |
| Density | 3.6 | g / cm ³ | ±10% | ASTM D792 |
| Working Temperature | -50 to +150 | °C | - | - |
| Volume Resistance | 5 × 10 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 | | | |

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

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Part Number Table

| Description | Part Number |
|--|---------------------|
| Ultra Soft Thermal Pad, Dark Grey, 16.6W/mK, 150mm × 150mm × 0.5mm | MP-TG-A1660-150-0.5 |

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