

**RoHS
Compliant**



Description

This product is a high performance, non-silicone thermal interface pad.

Features

- 2W/m K thermal conductivity
- Low contact resistance
- Good compressibility
- Long term stability
- Good electrical insulation properties
- Single sided 3M-467 adhesive

Properties

| Characteristic | Value | Test Method |
|-----------------------------|-------------------------|-------------|
| Colour | Light Grey | Visual |
| Thickness mm | 0.5mm to 3mm | - |
| Thermal Conductivity | 2W/mK | ASTM D5470 |
| Hardness (Shore OO) | 65 | ASTM D2240 |
| Specific Gravity | 2.3g/cm ³ | ASTM D792 |
| Dielectric Strength | 7kV/mm | ASTM D149 |
| Dielectric Constant (@1kHz) | 5.6 | ASTM D150 |
| Operation Temperature | -40°C to +150°C | EN344 |
| Volume Resistivity | 10 ¹² Ohm.cm | ASTM D2571 |
| Flame Rating | V-0 | UL94 |

Part Number Table

| Description | Part Number |
|--|---------------------|
| Non-silicone Thermal Interface Pad, Light Grey, 2W/mK, 200mm × 200mm × 0.5mm | MPGCS-020NS-200-0.5 |
| Non-silicone Thermal Interface Pad, Light Grey, 2W/mK, 200mm × 200mm × 1mm | MPGCS-020NS-200-1.0 |
| Non-silicone Thermal Interface Pad, Light Grey, 2W/mK, 200mm × 200mm × 1.5mm | MPGCS-020NS-200-1.5 |
| Non-silicone Thermal Interface Pad, Light Grey, 2W/mK, 200mm × 200mm × 2mm | MPGCS-020NS-200-2.0 |
| Non-silicone Thermal Interface Pad, Light Grey, 2W/mK, 200mm × 200mm × 3mm | MPGCS-020NS-200-3.0 |

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