

**RoHS
Compliant**



Description

The product is a double sided thermally conductive adhesive tape. Thermal tapes are simple and convenient to use, which will drastically improve production efficiency. This product has several different thicknesses to allow an alternative to a range of screw fixings and hot melt adhesives.

Features

- Specifically designed for easy use and storage
- Excellent adhesion strength
- Very good thermal insulation
- Provided as a roll of 300mm × 300mm

Applications

- Heat sink security
- Vehicle control circuit boards
- LED light bar and metal frame assembly
- Excellent replacement for screws and hot melt adhesives

Physical Properties

| Characteristic | Part Number | | |
|-----------------------------------|--------------------|---------------------|---------------------|
| | MPGCS-008T-300-0.1 | MPGCS-008T-300-0.15 | MPGCS-008T-300-0.25 |
| Thickness | 0.1mm | 0.15mm | 0.25mm |
| Colour | Colour | | |
| Carrier | Fibreglass | | |
| Adhesion | 1.1 | 1.4 | 1.4 |
| Breakdown Voltage | 2kV | 3kV | 3.8kV |
| Temperature Resistance | | | |
| Short term | 120°C | | |
| Long term | 180°C | | |
| Thermal conductivity (ASTM-D5470) | 0.8 W/mk | | |
| Temperature Usage Range | -20°C to +120°C | | |
| Flame Rating | UL94 V-0 | | |

Part Number Table

| Description | Part Number |
|---|---------------------|
| Thermally Conductive Adhesive Tape, White, 0.8 W/mk, 300mm × 300mm × 0.1mm | MPGCS-008T-300-0.1 |
| Thermally Conductive Adhesive Tape, White, 0.8 W/mk, 300mm × 300mm × 0.15mm | MPGCS-008T-300-0.15 |
| Thermally Conductive Adhesive Tape, White, 0.8 W/mk, 300mm × 300mm × 0.25mm | MPGCS-008T-300-0.25 |

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