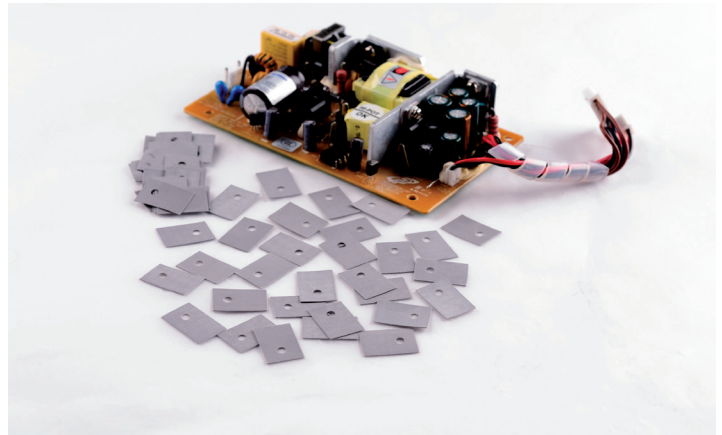


## THERMAL PAD - DTI23G

### Features

- Thermal conductivity: 0.8 W/mK
- Resistant to tears and punctures
- Cost effective solution
- High dielectric breakdown of up to 4.0 kV/mm
- Custom die-cut parts: custom configurations available



### Applications

- Electrical power generators
- Switching mode power supplies
- Singal amplifiers
- Medical equipment
- PC server/workstations
- AC/DC power converters



### TECNITE DTI23G

| Properties           | Unit                  | DTI23G  | Test Method   |
|----------------------|-----------------------|---|---------------|
| Composition          |                       | silicone & fiberglass                                 |               |
| Colour               |                       | Grey  |               |
| Thickness range      | mm                    | 0.23 (± 0.03)   |               |
| Hardness             | Shore A               | 25 (±5)   | ASTM D2240    |
| Density              | g/ml                  | 1.7   | ASTM D792     |
| Elongation           | %                     | 30  | ASTM D412     |
| Temperature range    | °C                    | -40 to 150  | EN344         |
| Breakdown voltage    | kV/mm                 | ≥4.0  | ASTM D149     |
| Volume impedance     | ohm*cm                | 1.0*10 <sup>11</sup>                                  | ASTM D257     |
| Weight damnify       | %                     | ≥1  | @ 150 °C 240H |
| Thermal conductivity | W/mK                  | 0.8   | ASTM E1461    |
| Thermal impedance    | °C-in <sup>2</sup> /W | Please contact us for details                         |               |
| Compliances          |                       | UL 94 V-0, RoHS                                       |               |
| Sheet sizes          |                       | Standard: Die-cut rolls: width: 300 mm * length: 50 m |               |

Custom configurations

- Custom die-cut parts available.  
Available with acrylic PSA tape for improved application on one or both sides:
- 3M Double Coated Tape 9448HK (will make the pad 0.15 mm thicker on both sides)
  - 3M Transfer Tape 3M467 (will make the pad 0.06 mm thicker on both sides)

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