

THERMAL PAD - DTI45G

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 DTI45G

Properties	Unit	DTI45G	Test Method
Composition		silicone & fibreglas	
Colour		Grey	
Thickness range	mm	0.45 (±0.03)	
Hardness	Shore A	25 (±5) 00	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 ¹¹	ASTM D257
Weight damnify	%	≥1	@ 150 °C 240H
Thermal conductivity	W/mK	0.8	ASTM E1461
Thermal impedance	°C-in ² /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 die-cut parts available.

Available with acrylic PSA tape for improved application on one or both sides:

Custom configurations

- 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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