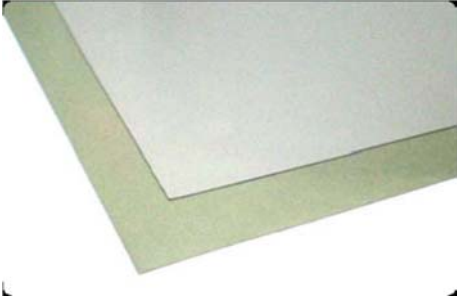


Thermal Silicone Film MSF-2050 Series



AMEC Thermasol MSF-2050 series is an extremely thin thermally conductive ceramic filled Silicone. It is electrically insulating, and with fibreglass reinforcement it provides excellent mechanical strength. Can be supplied in sheets, rolls or die cut parts

Features

- Extremely thin 0.2mm
- 2.0W/mk thermal conductivity
- Fibreglass reinforcement provides excellent mechanical strength for easy handling
- Very high dielectric Strength
- Good chemical resistance

Applications

- Power modules
- AC/DC converters
- Power Diodes
- MOSFETS
- PSU's

tem	Unit	Value	Standard
Thermal Conductivity	W/mK	2.0	ASTM D5470
Thermal Impedance	°C-inch ² /W	0.31	ASTM D257
Thickness	mm	0.2	-
Hardness	Shore 00	50	ASTM D2240
Reinforcement	-	Fibreglass	-
Tensile Strength	kpsi	5.6	ASTM D412
Breakdown Voltage	kV	5.5	ASTM D149
Flammability rating	-	94 V-0	UL
Operating Temperature	°C	-40~180	-
ROHS	-	Non detected	-
Colour	-	Dark Brown	-

Part number system:

Series – Thermal Conductivity/Shore Harness-Sheet size

E.g.: MSF-2050-300x250x0.2

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