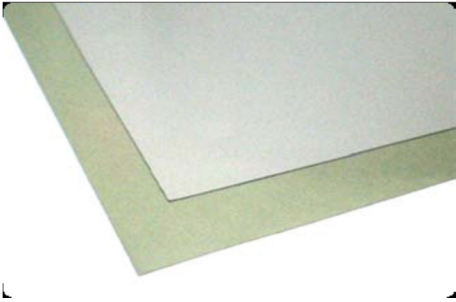


## Thermal Silicone Film MSF-2050 Series



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
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
Thermal Resistance@150PSA	°C-inch <sup>2</sup> /W	0.31	ASTM D257
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

### AMEC Thermasol

1-2 Steam Mill Lane, Great Yarmouth, Norfolk, NR31 0HP

Telephone: +44(0) 1493 668622 Fax: +44(0) 1493 668623

Email: [sales@amecthermasol.co.uk](mailto:sales@amecthermasol.co.uk) Website: [www.amecthermasol.co.uk](http://www.amecthermasol.co.uk)