

THERMAL PAD

CM100

The CM Series {High Hardness} is designed as a cost effective thermally conductive material. The soft and conformable properties allow the pad to be applied to various heating devices. Primary use is to electrically isolate power sources from heat sinks.



PRODUCT APPLICATION

- Power Electronics (SMPS, Converter).
- Automotive Electronics (ABS).
- Power Semiconductors.

Mechanical	
Base Polymer	Silicone
Colour	Blue
Thickness (mm)	0.5, 1.0, 1.5, 2.0.
Standard Size (mm x mm)	210 x 297, Roll (210 x 15M, 0.5T/1.0T)
Hardness (Shore A)	45
Tensile Strength (kgf/cm ²)	>3.7
Operating Temperature (°C)	-60 °C ~ 200 °C

Electrical	
Dielectric Breakdown Voltage (kV)	>5
Volume Resistivity (Ω.cm)	>10 ¹³

Thermal	
Thermal Conductivity (W/mK)	1.0
Flame Rating (UL94)	V0 [File No. : E258204]

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 Website: www.amecthermasol.co.uk