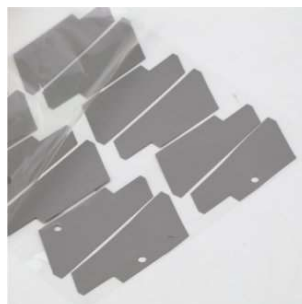


PHASE CHANGE SHEET

series: MPC300AL



- Non-silicone film PCM consisting of aluminium foil.
- Thermal conductivity: 3.0w/mk.
- Can be supplied die-cut to a customer's specification.
- Halogen free.
- Eliminates gaps more efficiently than traditional thermal pads.
- Easy to handle at room temperature.
- Helps extend product life.
- Typical applications include: desktop computers, laptops, computer servers, memory cards and integrated chips.

Properties	Unit	MPC300AL	Test method
Thermal Conductivity	W/m.k	3.0	ASTM D5470
Thickness	mm	0.20 ~ 0.50	ASTM D751
Colour	-	Green/grey	Visual
Base material	-	Aluminium foil	-
Thickness tolerance	mm	±0.04	ASTM D751
Density	g/cc	1.8	ASTM D297
Temperature range	°C	-40 ~ +125	-
Phase change temperature	°C	50 ~ 60	-
Volume resistivity	Ohm.cm	2.0*10 ¹³	ASTM D257
Dielectric constant	1M HZ	3.0	ASTM D5470
Thermal Impedance @ 50psi	@10psi (°C-in ² /W)	0.02/0.05	ASTM D5470
Sheet Size	mm	200x200 or 200x400	-