

Silicone Thermal Interface Pad, 8.0W/mK



Part Number	Size (mm)	Total thickness (mm)
1745708	300 x 200	0.5
1745709	300 x 200	1
1745711	300 x 200	1.5
1745712	300 x 200	2
1745713	300 x 200	3

Features

- Long term stability
- Electrical insulation
- Excellent compressibility

Applications

Battery packs, battery housings, power supplies, power cable connectors. Automotive ECU (electronic control units), power supplies, microprocessors, displays and consumer electronics.

Physical Properties	Test Method	Value
Colour	Visual	Light grey
Thickness mm	-	0.5 - 3.0
Adhesive	-	Single Side
Thermal conductivity W/m*K	ASTM D5470	8.0
Thermal impedance °C-in ² /W	ASTM D5470	<0.17
Specific gravity, g/cm ³	ASTM D792	3.2
Hardness (Shore OO)	ASTM D2240	25
Dielectric strength, kV/mm	ASTM D149	6.0
Dielectric constant (@1kHz)	ASTM D150	5.5
Operation temperature °C	EN344	-60 ~ +200
Volume resistivity (Ohm.cm)	ASTM D257	10 ¹²
Flame rating	UL94	V0

