

# Non-Silicone Thermal Interface Pad, 3.0W/mK



Part Number	Size (mm)	Total thickness (mm)
1745714	200 x 200	0.5
1745715	200 x 200	1
1745716	200 x 200	1.5
1745717	200 x 200	2
1745718	200 x 200	3

## Features

- Excellent 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	3.0
Thermal impedance °C-in <sup>2</sup> /W	ASTM D5470	<0.25
Specific gravity, g/cm <sup>3</sup>	ASTM D792	2.9
Hardness (Shore OO)	ASTM D2240	45
Dielectric strength, kV/mm	ASTM D149	6.0
Dielectric constant (@1kHz)	ASTM D150	12
Operation temperature °C	EN344	-40 ~ +125
Volume resistivity (Ohm.cm)	ASTM D257	10 <sup>12</sup>
Flame rating	UL94	V0

