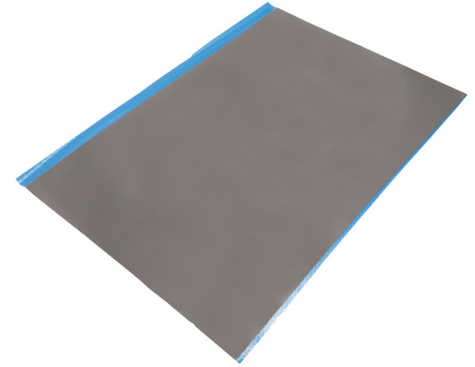


# Silicone Thermal Interface Pad, 2.0W/mK



## Features

- Long term stability
- Electrical insulation
- Excellent compressibility

Part Number	Size (mm)	Total thickness (mm)
174-5691	300 x 200	0.5
174-5692	300 x 200	1
174-5693	300 x 200	1.5
174-5694	300 x 200	2
174-5695	300 x 200	3

## 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	Grey
Thickness mm	-	0.5 - 3.0
Adhesive	-	Single Side
Thermal conductivity W/m*K	ASTM D5470	2.0
Thermal impedance °C-in <sup>2</sup> /W	ASTM D5470	<0.28
Specific gravity, g/cm <sup>3</sup>	ASTM D792	2.75
Hardness (Shore OO)	ASTM D2240	50
Dielectric strength, kV/mm	ASTM D149	6.0
Dielectric constant (@1kHz)	ASTM D150	5
Operation temperature °C	EN344	-60 ~ +200
Volume resistivity (Ohm.cm)	ASTM D257	10 <sup>12</sup>
Flame rating	UL94	V0

