

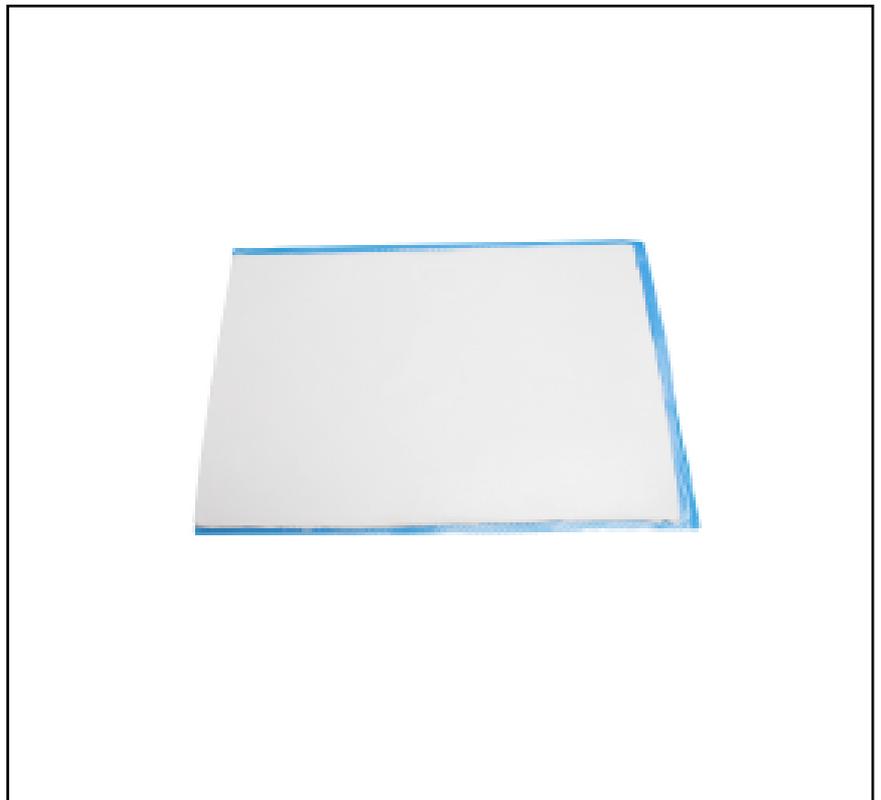
Features

- Long term stability
- Electrical insulation
- Excellent compressibility

RS PRO Silicone Thermal Interface Pad, 8.0W/mK

RS Stock No.:

1745708,1745709,1745711,1745712,1745713



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Use this RS PRO thermal gap pad to prevent damage to your components caused by excess heat from printed circuit boards (PCBs). It becomes soft and pliable when exposed to heat and fills gaps to ensure continued conductivity while protecting your equipment. The self-adhesive side allows you to quickly affix the pad with minimal effort. You can be assured that the silicone base is flame-retardant and provides insulation to prevent the outbreak of electrical fires.

Suitable for use in a wide range of application including battery packs or housings, power supplies or connectors, automotive ECU (electronic control units), microprocessors, displays and consumer electronics.

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

General Specifications

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 oC-in2/W	ASTM D5470	<0.17
Specific gravity, g/cm3	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 oC	EN344	-60 ~ +200
Volume resistivity (Ohm.cm)	ASTM D257	1012
Flame rating	UL94	V0

Mechanical Specifications

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
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Approvals

Standards Met	ROHS
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