

GP500 Gap Pad

GP500 is a silicone, thermally conductive material for use at the thermal interface. This product is specially developed as a low thermal resistance gap pad.

- Works well even under low pressure
- Excellent thermal conductivity; 5.0 W/m.K
- Excellent electrical insulation performance
- High heat dispersion; low thermal resistance

Approvals **RoHS-2 Compliant (2011/65/EU):** **Yes**

Typical Properties:

Colour:	White
Thickness (mm):	0.5-2.0
Thermal Conductivity:	5.0 W/m•K
Thermal Resistance (°C in ² /W):	0.70
Hardness (Shore C):	35-50
Density @ 20°C (g/ml):	3.1
Tensile Strength (MPa):	0.15
Elongation (%):	60
Volume Resistivity (Ω•cm):	1.0 x 10 ¹⁰
Dielectric Strength (kV/mm):	7.0
Dielectric Constant (@1MHz):	5.0
Dielectric Loss:	0.01
Temperature Range:	-50°C to +150°C
Compression Ratio (%@50psi):	25
Weight Loss (120°C, 7 days):	2.0%

Packing

200*400mm – Different sizes and thickness of the product could be supplied

Revision 0: Nov 16

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All information is given in good faith but without warranty. Properties are given as a guide only and should not be taken as a specification.

Electrolube cannot be held responsible for the performance of its products within any application determined by the customer, who must satisfy themselves as to the suitability of the product.

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