

## GP300 Gap Pad

GP300 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
- Good thermal conductivity; 3.0 W/m.K
- Excellent electrical insulation performance
- High heat dispersion; low thermal resistance

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

### Typical Properties:

Colour:	Sky Blue
Thickness (mm):	0.5-14
Thermal Conductivity:	3.0 W/m•K
Thermal Resistance (°C in <sup>2</sup> /W):	0.99
Hardness (Shore C):	40
Density @ 20°C (g/ml):	3.0
Tensile Strength (MPa):	0.30
Elongation (%):	86.5
Volume Resistivity (Ω•cm):	2.3 x 10 <sup>11</sup>
Dielectric Strength (kV/mm):	7.5
Dielectric Constant (@1MHz):	6.33
Dielectric Loss:	0.0021
Temperature Range:	-50°C to +160°C
Compression Ratio (%@50psi):	52
Weight Loss (120°C, 7 days):	0.68%

### Packing

GP300S	Dimension of Gap Pad	200*200*0.5 mm
GP300SL	Dimension of Gap Pad	200*200*1 mm

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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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