

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 ² /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 ¹¹
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

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

Revision 0: Nov 16

Copyright Electrolube 2013

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.

Ashby Park, Coalfield Way,
Ashby de la Zouch,
Leicestershire LE65 1JR
T +44 (0)1530 419 600
F +44 (0)1530 416 640
BS EN ISO 9001:2008
Certificate No. FM 32082