



PRODUCT PAGE



Material: **GPHC5 0816**

Overview:

BERGQUIST GAP PAD TGP HC5000 is a soft and compliant gap filling material with a thermal conductivity of 5.0 W/m-K. The material offers exceptional thermal performance at low pressures due to a unique filler package and low-modulus resin formulation. The enhanced material is ideal for applications requiring low stress on components and boards during assembly.

Description:

BERGQUIST GAP PAD TGP HC5000 maintains a conformable nature that allows excellent interfacing and wet-out characteristics, even to surfaces with high roughness and/or topography. BERGQUIST GAP PAD TGP HC5000 is offered with natural inherent tack on both sides of the material, eliminating the need for thermally-impeding adhesive layers. The top side has minimal tack for ease of handling. BERGQUIST GAP PAD TGP HC5000 is supplied with protective liners on both sides.

TYPICAL APPLICATIONS:

- Telecommunications
- ASICs and DSPs
- Consumer electronics
- Thermal modules to heat sinks

Parameters:

Characteristics	Units	Value	Test Method
Type		Silicone	
Thickness	mm	0.5	ASTM D374
Thermal Conductivity	W/mK	5.0	ASTM D5470
Color		Gray	Visual
Flame Rating	UL 94	V-0	UL 94
Operating Temperature	°C	-60 - 200	Test method operating

Warranty:**Technical data**

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Use of the product

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