Gap Filler 1500 (Two-Part) 

Thermally Conductive Liquid Gap Filling Material

Features and Benefits

• Thermal conductivity: 1.8 W/mK
• Optimized shear thinning characteristics for ease of dispensing
• Excellent slump resistance (stays in place)
• Ultra-conforming with excellent wet-out for low stress interface applications
• 100% solids - no cure by-products
• Excellent low and high temperature mechanical and chemical stability

Gap Filler 1500 is a two-part, high performance, thermally conductive liquid gap filling material, which features superior slump resistance and high shear thinning characteristics for optimized consistency and control during dispensing. The mixed system will cure at room temperature and can be accelerated with the addition of heat. Unlike cured thermal pad materials, a liquid approach offers infinite thickness variations with little or no stress to the sensitive components during assembly. Gap Filler 1500 exhibits low level natural tack characteristics and is intended for use in applications where a strong structural bond is not required. As cured, Gap Filler 1500 provides a soft, thermally conductive, form-in-place elastomer that is ideal for fragile assemblies and filling unique and intricate air voids and gaps.

Typical Applications Include:

• Automotive electronics
• Computer and peripherals
• Between any heat generating semiconductor and a heat sink
• Thermally conductive vibration dampening

Configurations Available:

• Supplied in cartridge or kit form
• With or without glass beads
• Many other special or custom configurations are available upon request

Building a Part Number

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GF1500 = Gap Filler 1500 (Two-Part) Material

Standard Options

- Example:
  - N.A = Selected standard option. If not selecting a standard option, insert company name, drawing number, and revision level.
  - Cartridges: 50cc = 50.0cc, 400cc = 400.0cc
  - Klbs: 12000cc = 1200.0cc, 10g = 10 galion
  - Pot Life: 60 = 60 min
  - 00 = No spacer beads, 07 = 0.007” spacer beads, 10 = 0.010” spacer beads

Note: To build a part number, visit our website at www.bergquistcompany.com.

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