



## **50-1220**

### **ONE COMPONENT SILICONE THERMAL GREASE**

#### **DESCRIPTION:**

50-1220 is a one component thermal grease. This heavy filled Heat Sink Compound promotes high thermal conductivity, low bleed, and high temperature stability.

The 50-1220 is engineered for applications requiring fast heat dissipation and electrical insulation. This one part silicone heat sink compound is available in 8 oz jars, 16 oz jars, and quarts. Special syringe packaging is available upon request.

#### **TYPICAL SPECIFICATIONS:**

Color	White
Viscosity	Grease Like Paste
Specific Gravity, 25°C	2.3
Consistency, Penetration	
Unworked	300
Worked 60 strokes	275
Worked 1000,000 strokes	245
Bleed after 24 hours @ 200°C, %	0.05
Dielectric strength, volts/mil	210
Arc Resistance, seconds	160
Dielectric Constant at 100 HZ	5
Dissipation Factor @ 100 HZ	0.01
Volume Resistivity, ohm-cm	2 x 10 <sup>15</sup>
Thermal Conductivity, BTU/hr./ft <sup>2</sup> /°F/in.	8

#### **IMPORTANT:**

The information in this brochure is based on data obtained by our own research and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data, the results to be obtained from the use thereof, or that any such use will not infringe any patent. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability thereof for his particular purpose.

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