



# 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 1,000,000 strokes	245
Bleed after 24 hours @ 200 °C, %	0.05
Dielectric strength, V/mil	210
Arc Resistance, seconds	160
Dielectric Constant at 100 Hz	5
Dissipation Factor @ 100 Hz	0.01
Volume Resistivity, ohm-cm	$2 \times 10^{15}$
Thermal Conductivity, W/m- °K	1.15

## IMPORTANT:

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