

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.

TYPICAL SPECIFICATIONS:

Viscosity	Grease Like Paste
Bleed after 24 hours, 200 °C, %	0.05
Color	White
Consistency, Penetration	
Unworked	300
Worked 60 strokes	275
Worked 1,000,000 strokes	245
Specific Gravity, 25 °C	2.3
Arc Resistance, Seconds	160
Dielectric Constant, 100 Hz	5
Dielectric Strength, V/mil	210
Dissipation Factor, 100 Hz	0.01
Volume Resistivity, ohm-cm	2×10^{15}
Thermal Conductivity, W/m·°K	1.15

STORAGE & HANDLING

The shelf life at 25°C is 6 months in original unopened containers.

The expected shelf life at 0 °C is 1 year.

Please read the Safety Data Sheet before using this or any other chemical.

AVAILABILITY:

This product is available in 8 oz jars, 16 oz jars, and quarts. Special syringe packaging is available upon request.

IMPORTANT:

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