

# THERMAL GREASE

## Arctic Cool TG : 6535



### Thermal Interface Material

**Arctic Cool TG-6535** thermal grease (heatsink compound) is primarily used for Thermal coupling of electrical/electronic devices to heat sinks. It is applied to the base and mounting studs of transistors, diodes and silicon-controlled rectifiers. A positive heatsink seal is maintained which gives improved heat transfer from the electric/electronic device to the heatsink or chassis, thus increasing overall efficiency of the device.

**Arctic Cool TG-6535** thermal grease (heatsink compound) is formulated using imported high performance Silicone polymer and heat conductive metal oxides, which gives our product high conductivity, low bleed and high temperature stability. The resulting compound will not dry out, harden or melt, even after long term exposure to temperatures upto 392 °F (200 °C). It maintains a positive heatsink seal that improves heat transfer from the electric/electronic device to the heatsink or chassis, thus increasing overall efficiency of the device.

#### Key Features & Benefits

- High Thermal Conductivity, Low Resistance.
- High Temperature Stability.
- Low Stress during Thermal Cycling, Low Oil Bleed.
- Ease of workability.

#### Product Applications

- Stencil Print, Spatula Manual Dispense.
- MR16, Street Light, Led Bulb Tube Light, Down Lighter, Led Driver etc.

Standard Packing: 1 Kg. & 4 Kg.

Also available in other pack sizes on request

Method	Test	Result
	Color	White
ASTM D 217	Consistency Penetration	
	Unworked	300
	Worked 60 strokes	275
	Worked 100,000 strokes	245
Fed. Std. 791	Bleed after 24 hr at 392°F (200°C)	0.05 %
Fed. Std. 791	Evaporation after 24 hr at 392°F(200°C)	0.5 %
ASTM D 2265	Drop Point	570 (300) °F (°C)
ASTM D 1475	Specific Gravity at 77°F (25°C)	2.1



SPS Powertronics

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