

Thermalcote™ Thermal Grease











Thermalcote (Part #: 249, 250G, 251G, 252G, and 253G)

Thermalcote is a superior thermal joint compound of thermally-loaded silicone-based grease for use with all heat sinks. It improves the transfer of thermal energy across the metal-to-metal interfaces between the transistor or rectifier case and the heat sink. Thermalcote conducts heat approximately 15 times better than air and more than 4 times better than unloaded silicone grease. It is non-toxic, extremely stable, and neither cakes nor runs from -40° to 204°C (-40°F to 399°F).

Color	Opaque White
Operating Temperature Range	-40°C to 204°C (-40°F to 399°F).
Thermal Conductivity	0.765Wm ⁻¹ °C ⁻¹ (0.442 Btu/hr ft °F)
Dialectic strength 1.27 mm gap(0.050" gap)	11.8 x 10 ³ volts/mm (300volts/mil)
Cleaning solvent	Mineral Spirits or Turpentine
Specific gravity	1.6
Evaporation, 24 hours@200°C (392°F), wt% ↓	
Shelf Life	Indefinite ¹ (unopened) One Year (opened)

(1) It is recommended that the containers be turned over every 6 months to minimize settling for ease of mixing.

Ordering Information

Part No.	RoHS	PCN	Net Weight
249			28 grams (1 oz) tube
250G			57 grams (2 oz) tube
251G			.45Kg. (1 lb) can
252G			2.27Kg. (5 lbs) can
253G			4.54Kg. (10 lbs) can

Thermalcotell (discontinued)

Thermalcotell (349G,350G,351G has been discontinued

Aavid Thermalloy can no longer supply Thermalcotell product. Please see our Sil-Free line of product instead.

Part No.	PCN
349G No longer available	
350G No longer available	
351G No longer available	