

CHEMICALS



GC HEAT SINK COMPOUNDS

The technology of today's electronic devices has increased current handling capacity. The additional heat buildup places great demands on heat sink materials. GC offers a complete line of heat sink compounds to meet these demands. The HTC product offers over twice the thermal conductivity of conventional products and is available in silicone and non-silicone versions. The water-soluble heat sink grease offers excellent thermal conductivity and easy cleanup. The standard silicone and non-silicone products continue to meet most requirements. See chart for typical properties.



Silicone (Z9)

Industry standard zinc oxide filled silicone heat sink grease for most applications. Will not soften at elevated temperatures or dry out or harden. Meets Mil. Spec. C-47113.

1 fl. oz. [29 ml., 2.3 oz. avdp.] Tube

Cat. No. 10-8109-0000

6.5 gms. avdp. Tube

Cat. No. 10-8108-0000

1 lb. [454 gms.] Can

Cat. No. 10-8106-0000

5 Gal. Can

Cat. No. 10-8106-05GL



Type 44 Non-Silicone

Compounded with 100% synthetic base stocks. Features excellent heat transfer efficiency, thermal stability, high flow rate, no separation, bleed or migration typical of silicone based greases. MIL-C-47113 Type 2.

1/2 fl. oz. [1.46 oz. avdp., 41.4 gms.] Jar

Cat. No. 10-8118-0000

2.5 avdp. oz. Tube

Cat. No. 10-8120-0000

1 lb. [454 gms.] Jar

Cat. No. 10-8126-0000



HTC (High Thermal Conductivity)

Higher thermal conductivity formula has all the same benefits of conventional heat sink greases, plus is exceptionally stable in high humidity applications. Available in silicone and non-silicone versions.

Silicone Based, 1 oz. avdp. [28.4 gms.] Syringe

Cat. No. 10-8135-0000

Non-Silicone Based, 1 oz. avdp. [28.4 gms.] Syringe

Cat. No. 10-8130-0000

1 lb. [454 gms.] Jar

Cat. No. 10-8135-0001



Water Soluble

Easy clean-up, non-migrating. Eliminates use of solvents, is non-reactive, exhibits excellent dielectric properties.

1 oz. avdp. [28.4 gms.] Syringe

Cat. No. 10-8132-0000