

Thermal Grease

Thermally conductive greases are compounds that eliminate any air from the area between a heat source and heat sink. Aavid thermal greases are extremely stable and thermally high performing. Each grease is available in clean and easy application forms and in different volumes to suit your requirements.

Sil-Free


Silicone-free synthetic grease designed to optimize heat transfer without the migration that can be associated with silicone.

Sil-Free

Aavid's Sil-Free thermal grease is a metal oxide filled silicone-free synthetic specifically formulated to enhance heat transfer without the migration or contamination associated with silicone-based products. The application of Sil-Free can reduce dry interface thermal resistance by as much as 75%. The high performance compound will not dry out, harden, melt or run even after long-term exposure to temperatures up to 200°C. Sil-Free is a compound that exhibits essentially no bleed or evaporation in a vacuum atmosphere (10-5 Torr, 24 hrs at 100°C).



Ordering Information

| Part Number | PCN | Package | Size |
|---------------|---|---------|---------------------|
| 102000F00000G |  | Tube | 143 grams (5.0 Oz.) |

| | |
|-----------------------------|-------------------------------|
| Color | White |
| Thermal Conductivity | 0.79 W/(m·°C) |
| Operating Temperature Range | -40°C to 200°C |
| Volume Resistivity | 2.3 x 10 ¹² Ohm-cm |
| Weight | 47.5 grams |
| Dielectric Strength | 225 Volts/mil |
| Consistency | Paste |
| Bleed | 0.09 max |
| Specific Gravity | 2.8 |
| Shelf Life | 5 years unopened |

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