



MG Chemicals' comprehensive line of greases and lubricants address the many needs of the electronic components industry, such as, improving electrical and thermal conductivity, protection against moisture, corrosion and electrical shorts from arcing, and lubrication for moving parts

## Applications

- Prevents pitting and arcing caused by voltage surges
- Forms electrical bridges ideal for connecting components or making ground connections
- Conducts heat away from circuits preventing overheating

## Industries

- Aerospace
- Automotive
- Communications
- Consumer Electronics
- Electric Vehicles
- Instrumentation
- Medical Equipment
- Research

## Dielectric Grease

- 8462**
- Silicone grease that repels water and protects against corrosion
  - Service temperature range of -50 to 250 °C
  - Safe on rubbers and plastics

## Electrically Conductive Grease

- 846**
- Silicone-based, carbon-filled, lubricating grease
  - Resistivity of 63  $\Omega\cdot\text{cm}$
  - Service temperature range of -50 to 200 °C
- 8481**
- Silicone-free, carbon-filled, lubricating grease
  - Resistivity of 160  $\Omega\cdot\text{cm}$
- 847**
- Silicone-free, carbon-filled, conductive, non-lubricating paste
  - Resistivity of 23  $\Omega\cdot\text{cm}$

## Lubricating Grease

- 8461**
- White lithium grease with excellent lubrication and corrosion protection

## Thermal Paste

- 860**
- Silicone-based
  - Service temperature range of -40 to 200 °C
  - Thermal conductivity of 0.7 W/(m·K)
- 8616**
- Silicone-free
  - Service temperature range of -70 to 165 °C
  - Thermal conductivity of 2.0 W/(m·K)