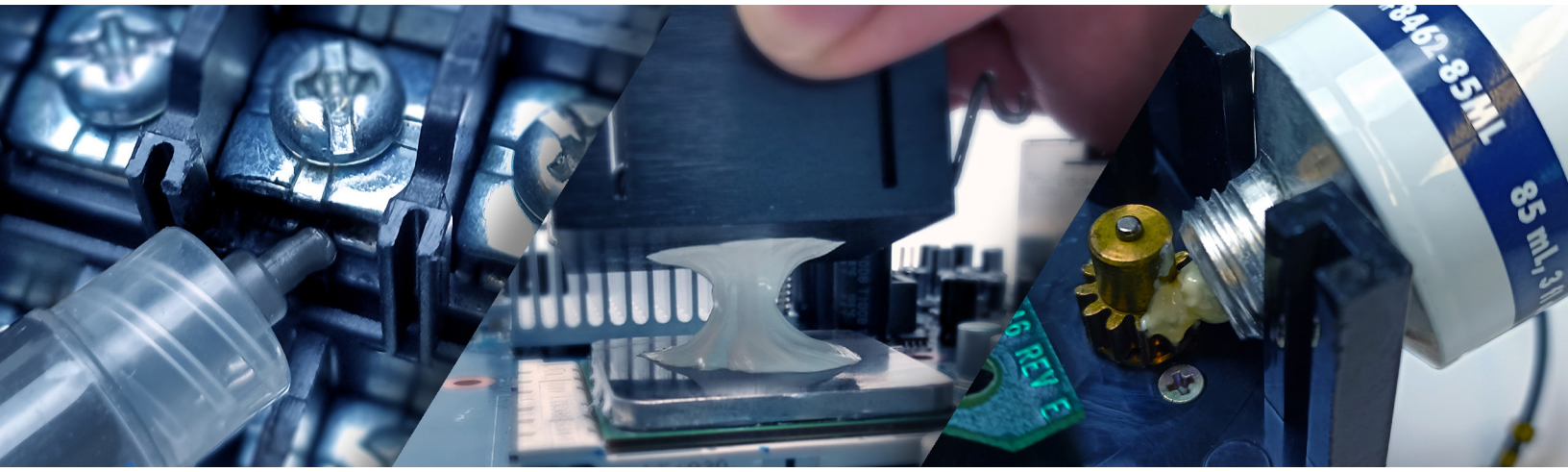
Greases for Electronics



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 mositure, 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

Electrically Conductive Grease

846
- Silicone-based, carbon-filled, lubricating grease
- Resistivity of 63 Ω·cm

8463A
- Silicone-based, silver-filled, lubricating grease
- Resistivity of <0.2 Ω·cm
- Service temperature range of -50 to 200 °C

8481
- Silicone-free, carbon-filled, lubricating grease
- Resistivity of 160 Ω·cm

847
- Silicone-free, carbon-filled, non-lubricating paste
- Resistivity of 23 Ω·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)

MG Chemicals 1210 Corporate Drive, Burlington, Ontario, Canada L7L 5R6
North America: +(1)800-340-0772 **International:** +(1) 905-331-1396 **Europe:** +(44)1663 362888

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