



MG Chemicals Adhesives line includes 1-part and 2-part systems. Our 1-part adhesives, including a UV cure option, offer unlimited working time, do not require mixing, and can be stored at room temperature. The 2-part adhesives have a 1:1 mix ratio and are available in various working times.

## Applications

- Electrical connections
- Thermal management
- Bonding heat sensitive components
- Providing structural support
- Bonding similar and dissimilar substrates
- Repairing circuits
- Sealing
- Potting
- Gap filling

## Industries

- Battery modules and battery packs
- Consumer electronics
- Transportation
- Automotive
- Aerospace
- Defense
- Instrumentation
- Medical equipment
- Research

## General Bonding

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|-----------------|-------------|-------------------------------------|
| <b>One-part</b> | <b>9310</b> | • Surface mount adhesive            |
| <b>Two-part</b> | <b>8332</b> | • Fast set epoxy, 5 min w.t.        |
|                 | <b>9200</b> | • Structural, standard, 30 min w.t. |

## Electrically Conductive

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|-----------------|--------------|-------------------------------------------------------------------------------|
| <b>One-part</b> | <b>9410</b>  | • Resistivity of $1.8 \times 10^{-3} \Omega \cdot \text{cm}$ , $T_g$ of 96 °C |
| <b>Two-part</b> | <b>8331D</b> | • Resistivity of $1.8 \times 10^{-3} \Omega \cdot \text{cm}$ , 20 min w.t.    |
|                 | <b>8330D</b> | • Resistivity of $5.3 \times 10^{-4} \Omega \cdot \text{cm}$ , 20 min w.t.    |
|                 | <b>8331S</b> | • Resistivity of $6.0 \times 10^{-3} \Omega \cdot \text{cm}$ , 4 hours w.t.   |
|                 | <b>8330S</b> | • Resistivity of $7.0 \times 10^{-4} \Omega \cdot \text{cm}$ , 4 hours w.t.   |

## Thermally Conductive

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|-----------------|----------------|---------------------------------------------------------------|
| <b>One-part</b> | <b>9460TC</b>  | • TC of 0.8 W/(m·K)                                           |
| <b>Two-part</b> | <b>8329TFF</b> | • TC of 0.8 W/(m·K), 5 min w.t., dispensable, UL 94V-0 rated  |
|                 | <b>8349TFM</b> | • TC of 0.9 W/(m·K), 20 min w.t., dispensable, meets UL 94V-0 |
|                 | <b>8329TCM</b> | • TC of 1.4 W/(m·K), 45 min w.t., non-sagging                 |
|                 | <b>8329TFS</b> | • TC of 1.2 W/(m·K), 4 hours w.t., dispensable                |
|                 | <b>8329TCS</b> | • TC of 1.4 W/(m·K), 4 hours w.t., non-sagging                |
|                 | <b>8329HTC</b> | • TC of 0.9 W/(m·K), 80–120 min w.t., dispensable             |

TC=Thermal Conductivity w.t.=working time

## UV/LED Adhesive

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|-----------------|----------------|------------------------------------------|
| <b>One-part</b> | <b>UVLED82</b> | • Low viscosity adhesive and encapsulant |
|-----------------|----------------|------------------------------------------|

We are also the authorized master distributor for Momentive RTV silicone products. RTV silicones are desirable because of their high heat resistance, wide operating temperature range and low modulus. The silicone adhesives portfolio covers a host of options to meet your requirements like consistency, adhesive strength, flame retardancy, outgassing, thermal conductivity and more.