



MG Chemicals Adhesives line is consisted of 1-part and 2-part epoxy systems. Our 1-part epoxies offer unlimited working time, do not require mixing, and can be stored at room temperature. 2-part epoxies are 1:1 mix ratio and are available in a variety of working times (w.t.).

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

- One-part** 9310 – Surface mount adhesive
- Two-part** 8332 – Fast set epoxy, 5 min w.t.
9200 – Structural, standard, 30 min w.t.
9200FR – Structural, 30 min w.t., UL 94V-0 rated

Electrically Conductive

- One-part** 9400 – Resistivity of $3.1 \times 10^{-4} \Omega \cdot \text{cm}$, T_g of 36°C
9410 – Resistivity of $1.8 \times 10^{-3} \Omega \cdot \text{cm}$, T_g of 96°C
- Two-part** 8331D – Resistivity of $1.8 \times 10^{-3} \Omega \cdot \text{cm}$, 20 min w.t.
8330D – Resistivity of $5.3 \times 10^{-4} \Omega \cdot \text{cm}$, 20 min w.t.
8331S – Resistivity of $6.0 \times 10^{-3} \Omega \cdot \text{cm}$, 4 hours w.t.
8330S – Resistivity of $7.0 \times 10^{-4} \Omega \cdot \text{cm}$, 4 hours w.t.

Thermally Conductive

- One-part** 9460TC – TC of $0.8 \text{ W}/(\text{m}\cdot\text{K})$
- Two-part** 8329TFF – TC of $0.8 \text{ W}/(\text{m}\cdot\text{K})$, 5 min w.t., dispensable, UL 94V-0 rated
8349TFM – TC of $1.1 \text{ W}/(\text{m}\cdot\text{K})$, 20 min w.t., dispensable, meets UL 94V-0
8329TCM – TC of $1.4 \text{ W}/(\text{m}\cdot\text{K})$, 45 min w.t., non-sagging
8329TFS – TC of $0.8 \text{ W}/(\text{m}\cdot\text{K})$, 4 hours w.t., dispensable
8329TCS – TC of $1.4 \text{ W}/(\text{m}\cdot\text{K})$, 4 hours w.t., non-sagging
- TC = Thermal Conductivity w.t. = working time

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.