

Low Viscosity, Silicone Conformal Coatings



Momentive Performance Materials provides leading-edge silicone technologies to help meet performance and productivity challenges in a wide range of automotive and electronic applications.

Momentive Performance Materials' one-component, low viscosity fast cure silicone products are excellent candidates to consider to form a thin conformal coating to protect sensitive electronics from moisture and harmful contaminants.

Key Features Available

- Fast tack-free time
- No organic solvents
- One-component, no need for mixing
- Non-Corrosive to metals
- UV indicator for inspection efficiency
- UL746E qualification

Potential Application Examples

- PCB protection for ECU's
- Moisture-resistant conformal coating
- Thin section potting of electronic parts

Key Typical Benefits

- Productivity, high outputs
- Reduce VOC's
- Ease-of-use
- Low risk for electronics
- Facilitate quality control
- Compliance

Thermal Management Materials (selected grades only, please contact us for material selection support)						
Product	System ¹	Cure Time	Viscosity (mPa-s)	Color	Processing	Feature
ECC 4865	AC, 1K	15 min @ 105°C	210	Clear with UV Tracer	Dipping, spraying, flow coating, brushing	Process freedom UL746E certified
ECC 3010	CC, 1K	10 min @ RT	180	Clear with UV Tracer	Spraying	Fast cure, UL746E certified
ECC 3050 S	CC, 1K	30 min @ RT	550	Clear with UV Tracer	Spraying	High flashpoint, UL746E certified

¹ AC - Addition Cure / CC - Condensation Cure

Customer Service Centers

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