

The Future is *Electrified*

We support our customers with state-of-the-art research, application development labs and dedicated industry experts located around the world. Working with you, we will develop a complete process, from the first laboratory trials all the way to series production.



SILCOOL™ thermal management silicones have excellent thermal conductivity and consistent, long-term heat transfer performance.



INVISISIL™ optical bonding silicones help deliver design flexibility and long-term reliability to display components in harsh conditions.



SNAPSIL™ adhesives deliver improved bonding performance, ideal for everything from ECU housings to sealing electronic assembly.



SILTRUST™ potting, encapsulant, and coating silicones can help protect against hazards like heat, humidity & liquids.

For product data, visit:

go.momentive.com/products

MOMENTIVE®

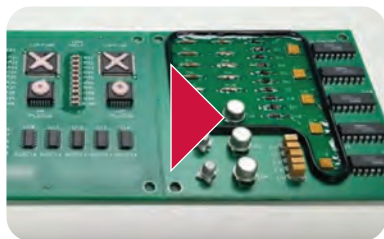
SILICONES FOR EVs



*From thermal management and battery solutions to cable and connector materials; from sensor coatings to adhesives and seals -- Momentive's **innovative silicones** help shape the future of e-mobility!*

WATCH ONLINE

Scan the QR codes with your phone's camera to watch the videos on the web.



Playlist: Silicones Solutions for E-mobility



AC (Single Phase) Charging Stations

Thermal Interface Materials, Adhesives, Sealants/Gasketing, Conformal Coating

DC Fast Charging Stations

Thermal Interface Materials, Sealants/Gasketing, Phase Change Material, Conformal Coatings

Charging Connectors

Potting / Encapsulation



Webcast: Thermal & EMI Shielding Materials



About Momentive

Momentive is a global leader in silicones and advanced materials, with a 75- plus year heritage of being first to market with performance applications that support and improve everyday life.

Stay up to date:

go.momentive.com/enews

SILICONES FOR E-MOBILITY



Our innovative silicones solutions help drive the industry forward!
Contact an expert at:
batteryinfo@momentive.com

1 Power Electronics

For inverter systems (and IGBT modules), DC/DC converters, onboard chargers: Thermal management, encapsulation/potting, & sealing.

2 High Voltage Battery Systems

Thermal gap fillers, thermal adhesives, thermal potting / gel encapsulation, & sealing adhesives. For housing components: non-halogenated flame retardant silicone fluid.

3 Electrified Powertrain

For integrated drive motor / generator & e-axle: Encapsulation, connector potting, thermal potting/ management, sealing adhesives.

4 EV Thermal Solutions

For coolant heater, coolant pump, PTC air heater: Encapsulation, connector potting, thermal management, & sealing adhesives

5 EV Cables

Addisil™ 2070: utilized to meet stringent mechanical, electrical & thermal requirements.

6 Seals and Connectors

Silopren™ LSR 3366/50: high long-term heat-stability, low compression set. Silopren LSR 2725/40 - primer-less adhesion, good lubrication. Silopren LSR 2600 Series: lower viscosity, improved tear resistance, higher reactivity.

7 Fuel Cell Sealing

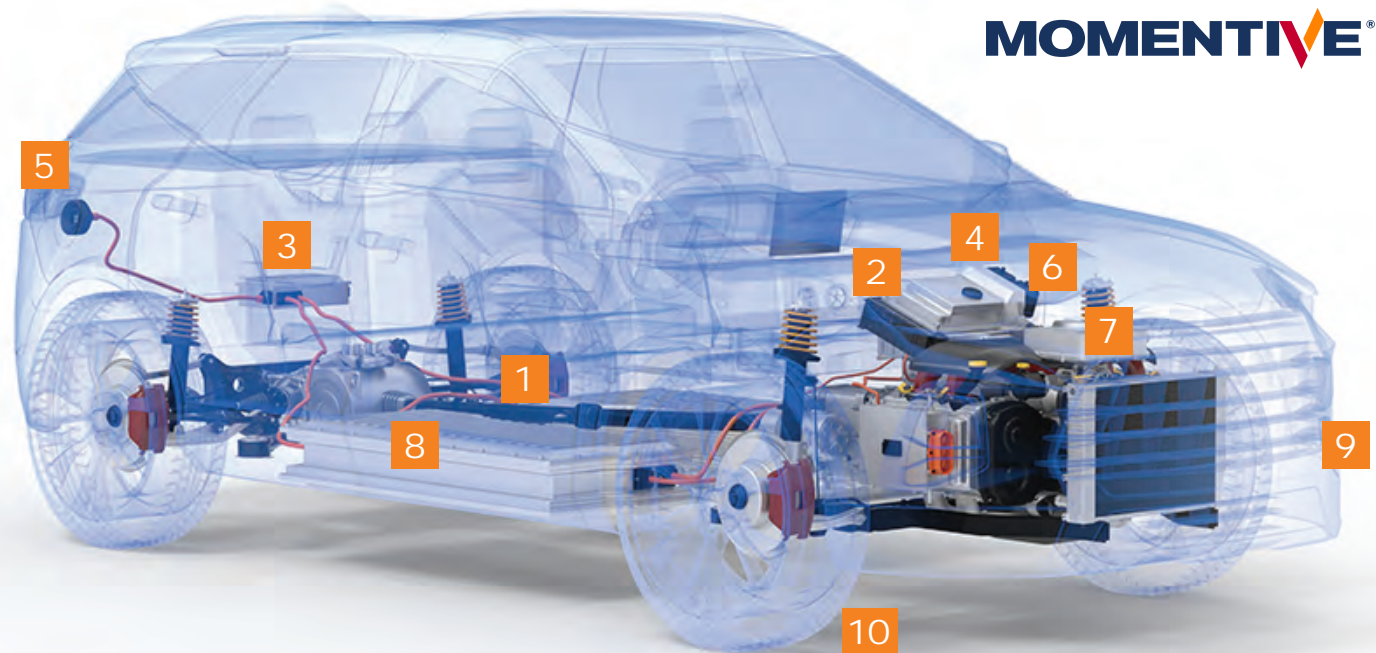
NL6140DFC - This LSR technology possesses low viscosity for decreased injection pressure; therefore, protection of the bipolar plate substrates during manufacturing/molding.

8 Two-Component Integrated Sealing Systems

LSR2740 - 2K hard-soft design systems can allow sealing features to be integrated into engineering thermoplastic part design.

9 Front-end Modules

SilFORT™ hardcoats can provide excellent chemical, abrasion & weathering resistance, while maintaining a durable, glossy and easy-to-clean surface.



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10 Sustainable Tire Solutions for Range

Tire silanes for silica compounds can yield improvements in range, grip, & sustainability (longer tire life).

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