

LOCTITE

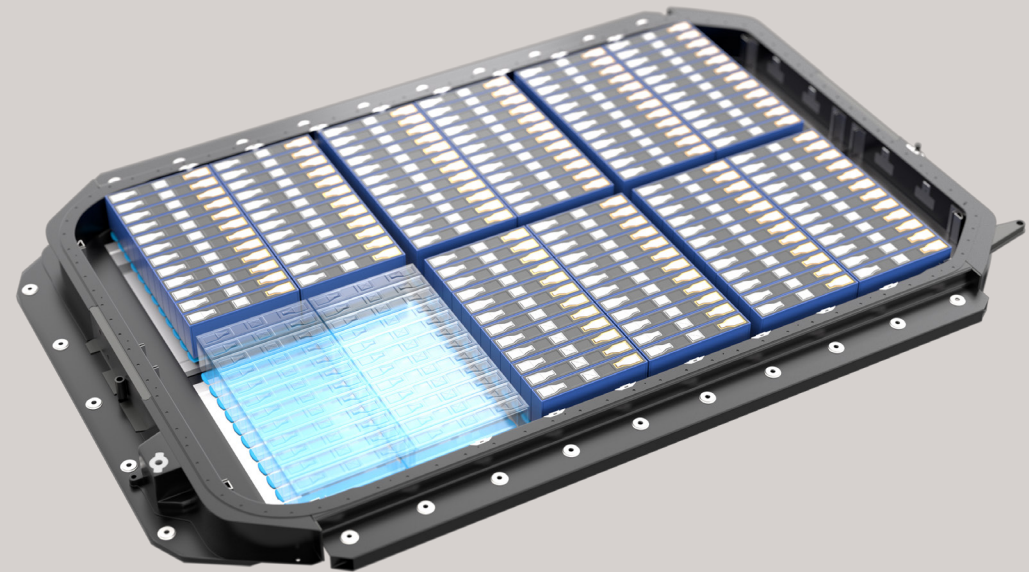
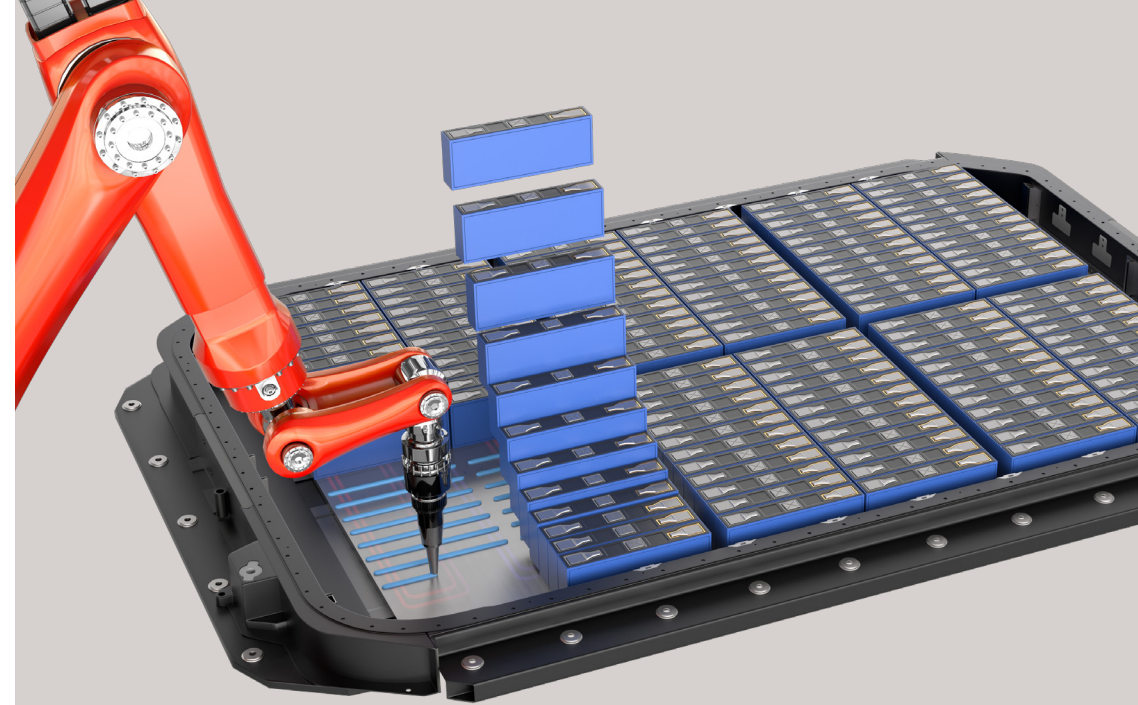
LOCTITE® TLB 9270APS

Two-component polyurethane-based thermally conductive adhesive for EV battery applications.



Features & Benefits

- High thermal conductivity of 2 W/mK
- Solvent-free formulation
- Long working time and fast curing
- Provides excellent heat transfer
- Strong performance on aluminum and PET film substrates
- Excellent long-term reliability



eMOBILITY
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LOCTITE® 9270APS

Typical Applications

- Battery cells to cooling plate bonding.
- Heat-sensitive components in EV battery systems.

Sustainability

- Reduced MDI-monomer content, ensuring regulatory compliance and safety.
- Fast dispensing performance, increasing throughput and saving energy.

Available Configurations*

- Cartridges: 400C
- Pail Kits: 16L
- Drum Kits: 140L

Technical Data

Properties	Typical Value	Test Methods
Chemistry	2K Polyurethane	-
Thermal Conductivity	2 W/mK	ISO22007
Density	2.04 g/cc	ASTM D1475
Lap Shear Strength	10.5 MPa	3003Al-3003 Al (0.25mm)
Breakdown Voltage	25.2 KV/mm	ASTM D 149
Elongation	17.8%	-

Product Availability*

- Global

*Availability may change due to high demand. Please contact us for the latest information.

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