

LOCTITE®

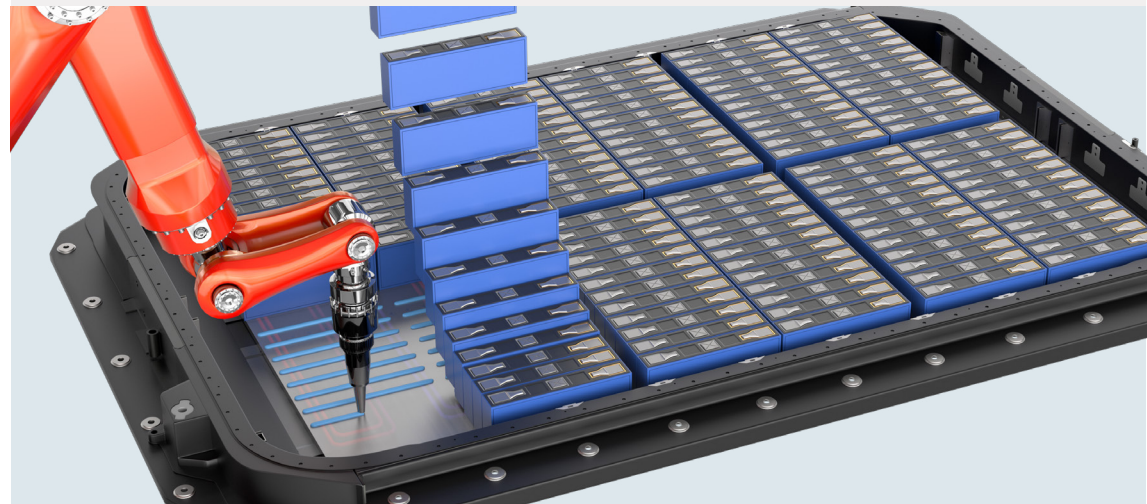
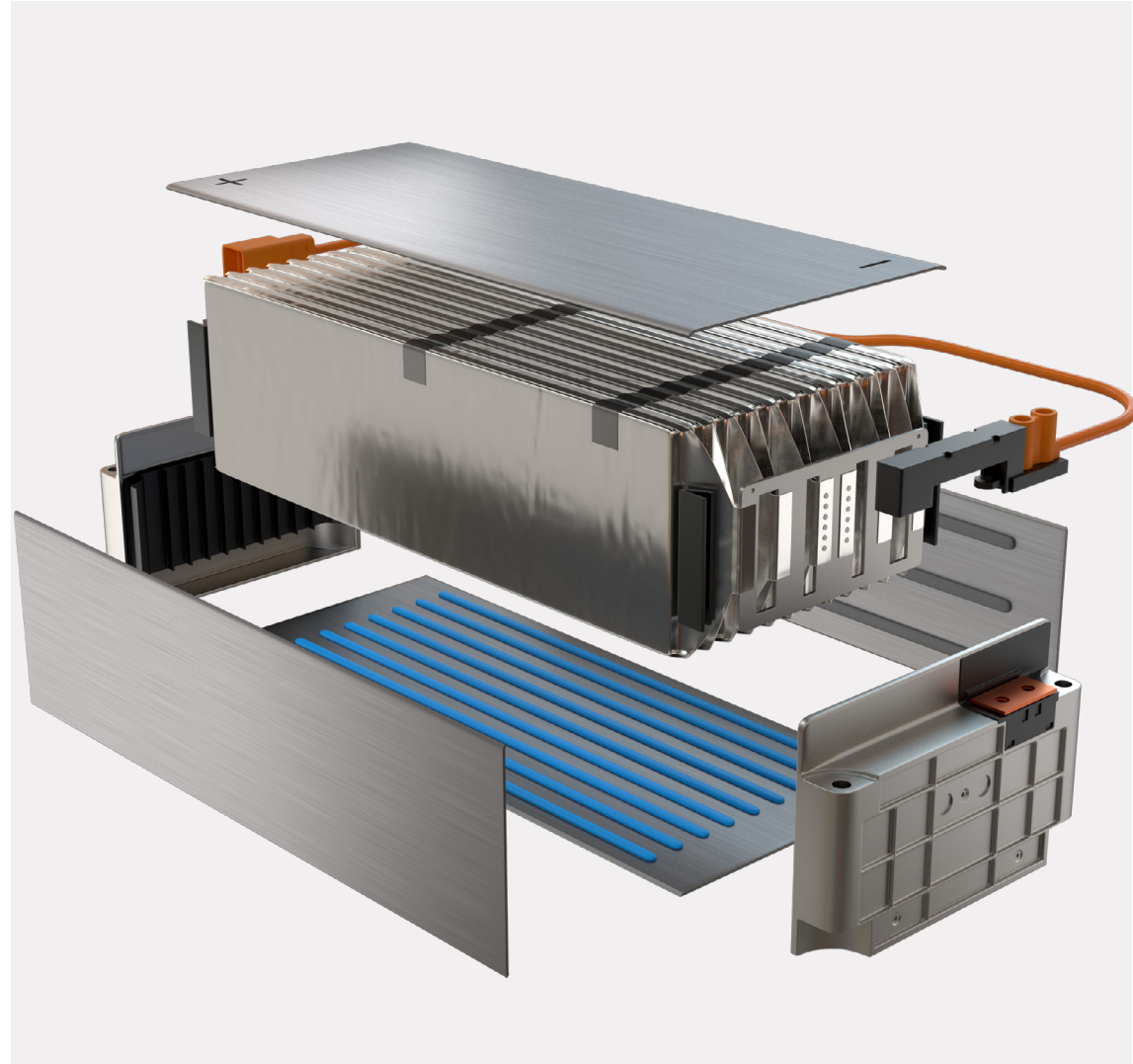
LOCTITE® TLB 9300 APSi

Two-component polyurethane thermally conductive adhesive with moderate viscosity, good electrical insulation properties and high bonding performance.



Features & Benefits

- High thermal conductivity of 3 W/mK
- Excellent bonding strength to various substrates
- Moderate viscosity with self-levelling characteristics
- Good dielectric isolation properties
- Designed for injection process
- Long open time and room temperature curing
- Solvent-free



Henkel Adhesive Technologies



LOCTITE® TLB 9300 APSi

Typical Applications

- Thermal Management and structural bonding in EV batteries, between battery cells and modules, as well as between cells and cooling systems

Sustainability

- Low density material for lightweight optimization
- Room temperature curing
- Solvent-free technology

Available Configurations*

- Cartridges: 400 ml
- Pail Kits: 20 L
- Drum Kits: 200 L

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

CONTACT US TO LEARN MORE

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Technical Data

Technology	Typical Value	Test Methods
Chemistry	PU, 1:1	-
Thermal Conductivity	3.0 W/mK	ASTM D5470
Density	2.65 g/cc	ASTM D792
Lap Shear Strength	2.6 MPa (Al-Al)	-
Breakdown Voltage	16 KV/mm	-
Viscosity, 2.4s ⁻¹	160 Pa.s	DIN53019

Product Availability*

- Global (upon request)



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