

## Press Release

### FOR IMMEDIATE RELEASE

#### Aismalibar North America Showcases Advanced Thermal Management Solutions at The Battery Show North America 2025

Aismalibar North America, a leader in high-performance thermal management solutions, will present its latest innovations at **The Battery Show North America and Electric & Hybrid Vehicle Technology Expo 2025 in Detroit, Michigan, October 6–9, 2025**, where attendees can meet the team at **Booth #5929** to explore materials engineered for demanding EV and high-power electronics.

#### Featured Innovations

**COBRITHERM ALP** – A thermally conductive/dielectric aluminum substrate combining high dielectric strength (up to 10 kV) with superior thermal conductivity (2.2–3.2 W/mK). Ideal for EV batteries, telecom, and high-voltage systems, it reduces assembly time and cost while supporting automated PCB assembly.

**THIN LAM** – Thermal FR4 for Multilayer PCBs – Optimized for SiC and GaN devices, THIN LAM lowers device temperatures by ~20°C compared to standard FR4, delivers >7% higher power throughput, and eliminates the need for thermal vias, improving reliability and simplifying PCB design.

**AirGapFiller** for better heat flow in Electronic Power Modules – A surface-adaptive coating that fills microscopic voids at just 35–40°C to improve thermal contact, reduce resistance, and enhance heat dissipation in electronic power modules.

**Bond Sheet Cured (Glass-Free)** – A high-performance insulation and thermal transmission material offering dielectric strength up to 10 kV, thermal conductivity up to 3.2 W/mK, and ultra-low thermal resistance (as low as 0.031 K/W). Clean, flexible, and fiber-free, it ensures long-term stability in demanding EV and industrial applications.

#### About Aismalibar North America

Aismalibar North America specializes in advanced insulated metal substrates and thermal interface materials for automotive, EV battery systems, LED lighting, and telecommunications. As part of the global Aismalibar brand, the company delivers

innovative, reliable, and cost-effective solutions from concept to production, helping customers achieve superior performance in the most demanding environments.

For product datasheets and more information, visit:

<https://www.aismalibar.com/downloads/>

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