



# News Release

For Release: Immediately

Contact: Sara Roe  
Parker Assembly and Protection Solutions Division  
(919)-342-2256  
Sara.Roe@parker.com

## **Parker Expands CoolTherm® Line with New TC-850 Adhesive for Battery Pack Applications**

**CARY, NC, April 28, 2025** – The Assembly and Protection Solutions Division of Parker Hannifin Corporation, the global leader in motion and control technologies, has announced the launch of CoolTherm® TC-850 Thermally Conductive Structural Adhesive specifically designed to enhance thermal management, structural integrity and product efficiency in electric vehicle battery packs. With a focus on collaboration, customer service and high quality, Parker provides innovative solutions that meet the design, safety and performance requirements of electric vehicle manufacturers.

The **CoolTherm TC-850** adhesive addresses common challenges such as poor heat dissipation, long curing times and material compatibility by delivering a thermally conductive, room-temperature-curing adhesive optimized for battery module assembly.

Battery pack manufacturers require adhesives that not only provide strong structural bonding but also aid in thermal dissipation and production efficiency. Traditional bonding solutions often fall short in one or more of these areas, leading to performance trade-offs.

An ideal alternative to other adhesives, which often lack the same balance of thermal performance, adhesion strength and process efficiency, CoolTherm TC-850 offers:

- Higher elongation
- High adhesion to battery pack components
- Thermal conductivity
- Improved EHS Profile
- Redundant dielectric protection
- Highspeed application
- Minimized need for mechanical fastening

This new thermally conductive structural adhesive expands Parker's CoolTherm® portfolio of thermal management solutions for OEMs and battery producers as they strive to deliver safer and more efficient battery packs.

With a global presence and a network of technology experts, Parker is uniquely positioned to support its automotive customers as the adoption of electric vehicles continues to worldwide as the adoption of electric vehicles continues to accelerate.

Parker will be at this year's [Electric & Hybrid Vehicle Technology Expo Stuttgart](#) presenting on the CoolTherm portfolio of materials. Visit [Booth #10-C30](#) to explore Parker's extensive range of thermal management materials, structural adhesives and coatings, sealing and gasketing solutions, and EMI shielding and grounding solutions.

"We are thrilled to introduce the CoolTherm® TC-850 thermally conductive structural adhesive," adds Seth Carruthers, market manager, APS Division. "By combining our two core competencies in thermally conductive materials and structural adhesives, we are able to deliver multi-functional materials to enhance our customers' battery pack performance and address the complex evolving needs of electrification."

For more information on Parker's CoolTherm® portfolio, visit our [website](#).

### **About Parker Hannifin**

Parker Hannifin is a Fortune 250 global leader in motion and control technologies. For more than a century the company has been enabling engineering breakthroughs that lead to a better tomorrow. Learn more at [www.parker.com](http://www.parker.com) or [@parkerhannifin](#).

###