



Electrical Battery Insulation

Cell - Module - Pack

Introducing the 5833x series: American-made excellence in EV Battery Insulation

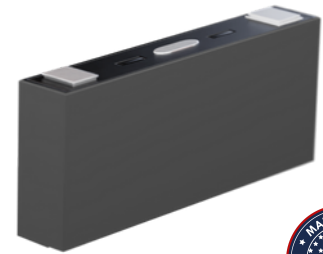




Two new electrical insulation tapes for battery components

Manufactured with precision in the USA, the 5833x series makes an advancement in EV battery insulation technology. Its cutting-edge features not only enhance the safety and longevity of EV components but also improve assembly efficiency.

- **High Dielectric Strength:** Advanced protection for metal parts within EV batteries ensuring greater safety and performance.
- **Visual Detection:** The black color ensures easy visual detection during the application process enhancing accuracy and efficiency.
- **Multiple Thicknesses:** Available in two different thicknesses for a wide range of applications.
- **PET Liner:** Enables seamless automation during the application process enhancing operations and productivity.
- **Superior Adhesion:** Ensures permanent performance on a wide range of shapes and objects providing a reliable and long-lasting insulation solution.
- **Flammability:** Meets FMVSS302 & GMW3232 requirements and achieves UL94 VTM0 rating at the component level ensuring exceptional safety standards.



Product	Thickness	Adhesive	Color	Backing [μm]	Breakdown Voltage (kV)	Release Liner [μm]
58330	55	Acrylic	Black	23 (PET)	>5.5	30 (PET)
58331	85	Acrylic	Black	50 (PET)	>8.5	30 (PET)

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