



- R&D Expertise
- Engineered Adhesives Coatings
- Bespoke Design
- Precision Converting Slitting and Die-Cutting

A red circular logo with a white border. Inside the circle, the text "50 YEARS" is written in large, bold, white capital letters. Below it, the text "of Experience" is written in a smaller, white, lowercase font. The logo has a slight 3D effect with a white shadow on the left side.

EV BATTERY adhesive solutions

The fast-evolving industry of EVs, HEVs, PHEVs requires practical solutions to challenges in battery thermal management, electrical insulations, novelty processing applications, precision converting and die-cutting.

PPI's range of novel technical adhesive products, with properties uniquely suited to the needs of the industry, is helping to achieve the goals of faster charging, higher capacity, longer life, and lighter weight.

ELECTRICAL INSULATION

Electrical Films for Battery Cell and Module Metal Parts Insulation:

- Wide range of backing materials and adhesives
- Working temperatures up to 400°C
- Flexibility to offer various thicknesses, roll widths and length per customer requirements.
- Available in Printed or Die-Cut form.

Nomex Polyamide Paper Insulation Tapes

- good temperature resistance, dielectric strength, mechanical toughness, flexibility, and flame retardancy

Polyimide Insulation Tapes for very high temperatures

EMI SHIELDING

Shielding Foils for reliable point-to-point electrical contact, inductive charging

- EMI shielding, grounding and static charge draining
- Metal foils: Aluminium, Copper, Tin Clad Copper
- Special foil/film based laminates and die-cut pieces available in a wide range of thicknesses to the customers design and specification

Electrically Conductive Adhesive Tapes for grounding and shielding of Battery Components

Electrically Conductive Adhesive Transfer Tapes for bonding conductive material inside Battery Packs

NEW

EV BATTERY adhesive solutions

THERMAL MANAGEMENT

Thermally Conductive Tapes for Thermal Management of Lithium Ion batteries

- effective thermal interface between the cooling device and the battery module
- Aluminium, Polyimide tapes, Acrylic heat transfer tapes
- die cut into a wide variety of forms which can offer considerable handling and application advantages

Thermally Conductive Acrylic Foam Heat Transfer Tapes

- good thermal transfer, dielectric strength, adhesion & conformability
- supplied on a release paper carrier liner
- covered with a filmic liner for ease of handling and application

Specialist Thermally Conductive Laminates

Thermally Conductive Silicone Rubber Gap Fillers

ADHESIVE BONDING

High Adhesion Tapes for Cell-to-Cell Bonding

- Single/Double-Sided Tapes
- Aluminium Heat Conductive Tapes
- Thermally Conductive TC Tapes

Battery Management System (BMS) Bonding

Bonding of Thermistor Sensor to Cylindrical Cells

GENERAL MOUNTING

Mounting applications for Cells, Battery Modules and Battery Packs

- High Adhesion Double-Sided Tapes
- Adhesive Transfer Tapes
- Thermally Conductive Tapes

BATTERY Industry

PPI Adhesive Products Ltd develops and manufactures an extensive range of technical adhesive products focused on the following application areas:

- Solve problems for thermal management of battery packs
- Guaranteed electrical parameters
- Ensure flame retardancy
- Reduced costs and time of assembly
- Ensure safe and efficient battery operation
- Automation compatibility
- Simpler design

**Do you
want these
advantages?**

Contact
us



Contact PPI Adhesive Products regional sales representative

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NEW

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