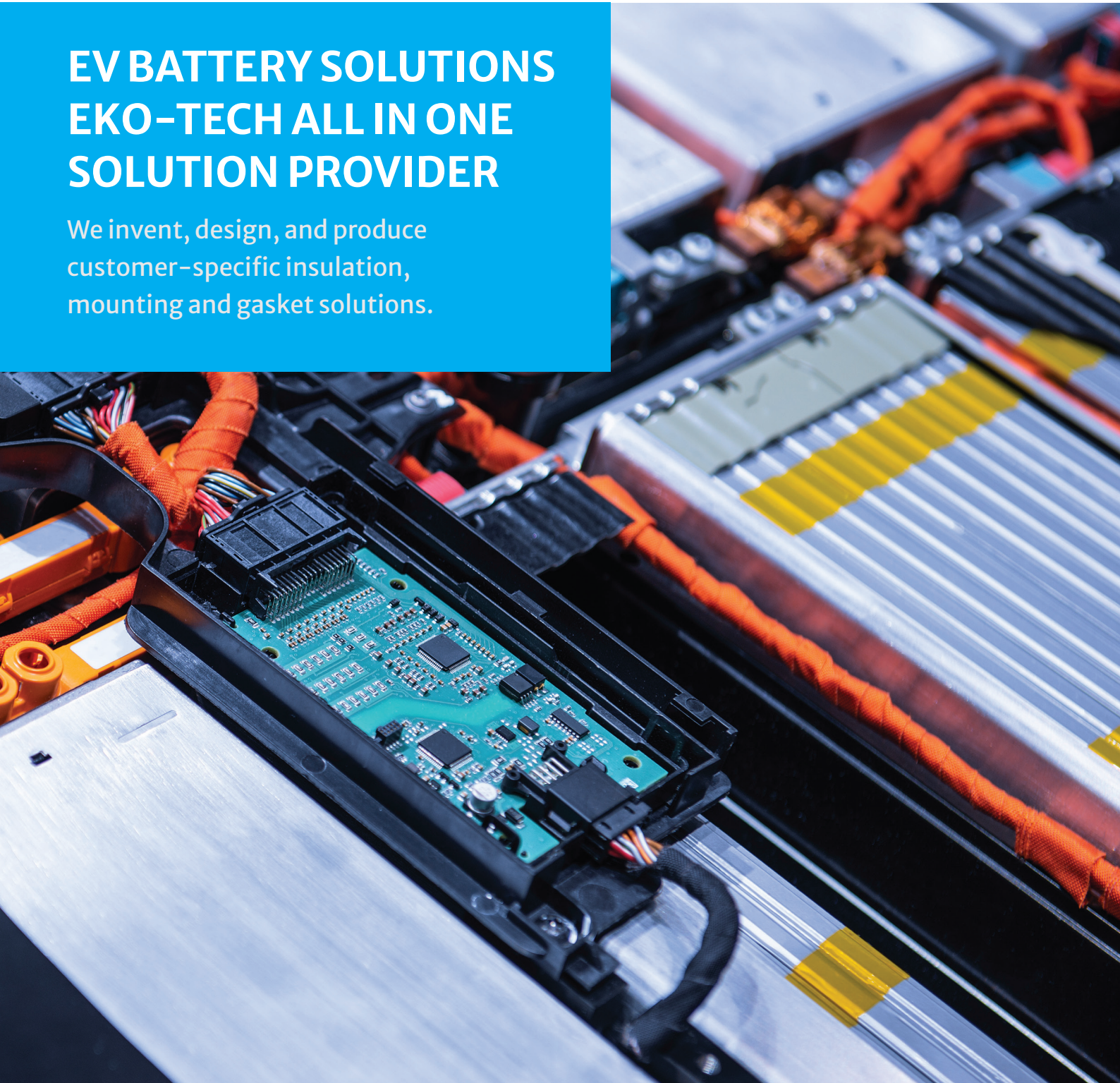
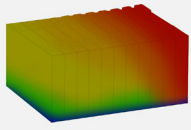


EV BATTERY SOLUTIONS EKO-TECH ALL IN ONE SOLUTION PROVIDER

We invent, design, and produce customer-specific insulation, mounting and gasket solutions.





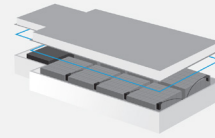
Thermal management solutions



Thermal runaway

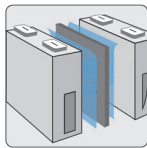


Electrical Insulation

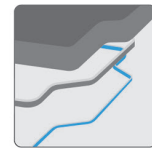


Mounting and Assembly

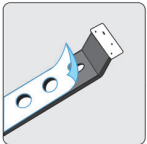
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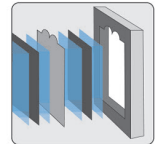
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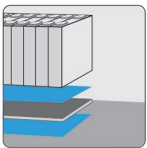
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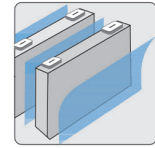
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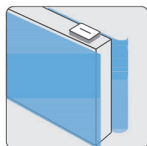
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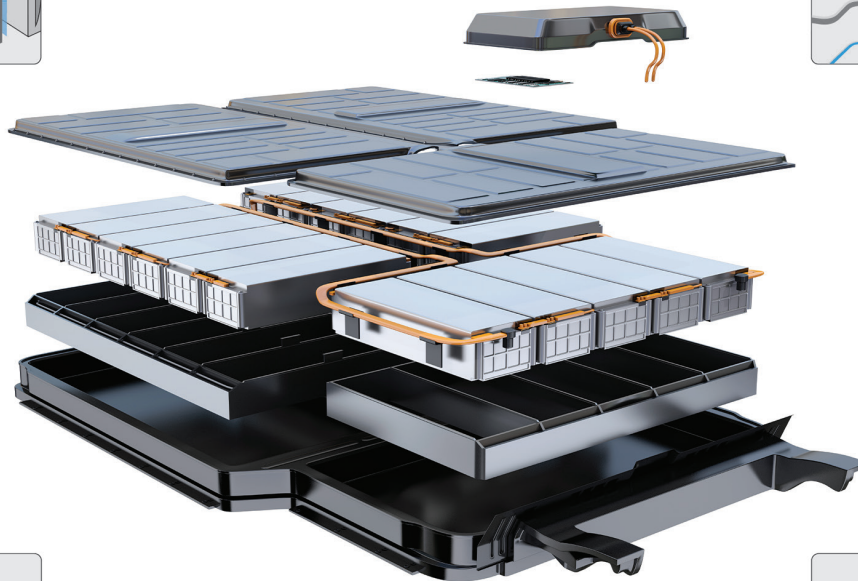
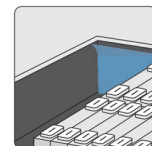
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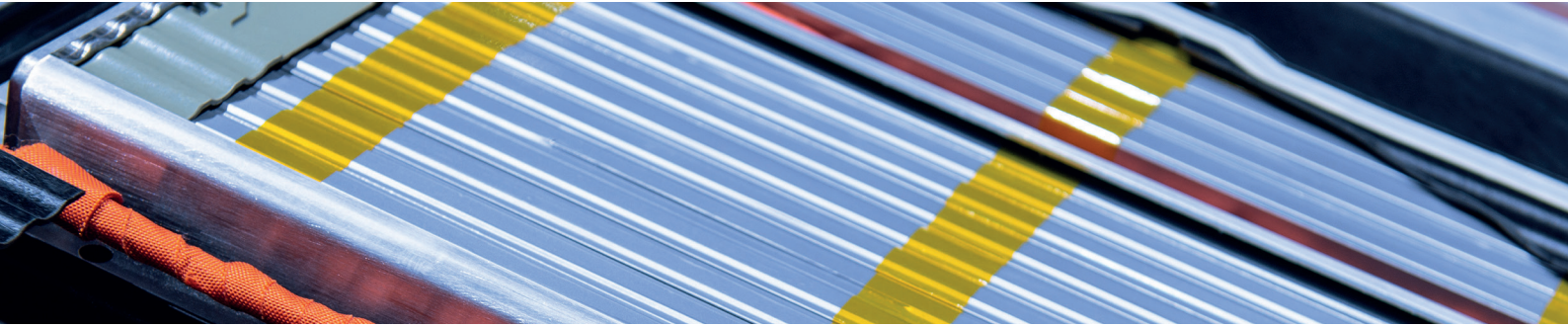


8



- 1 Thermal management solutions**
Different self adhesive film and foam solutions with flame retardant and dielectric properties.
- 3 Flexible busbars mounting**
Flame retardant mounting tapes with dielectric insulation parameters.
- 5 Thermal interface materials**
Adhesive silicone based interface materials to promote the heat transfer in EV Batteries.
- 7 Cell wrapping**
Self-adhesive dielectric films for electrical insulation with flame-retardant properties.

- 2 Battery pack seal and gasketing**
PU-Foam and solid foam water resistant gasketing and double sided adhesive mounting solutions.
- 4 Compression pads**
Self-adhesive PU-Foam solutions used as impact and movement protection as well as tolerance compensation.
- 6 Cell to cell bonding**
Flame retardant and dielectric tape solutions to bond cells together. Various thicknesses available.
- 8 Electrical Insulation**
Flame retardant and dielectric films for superior electrical insulation

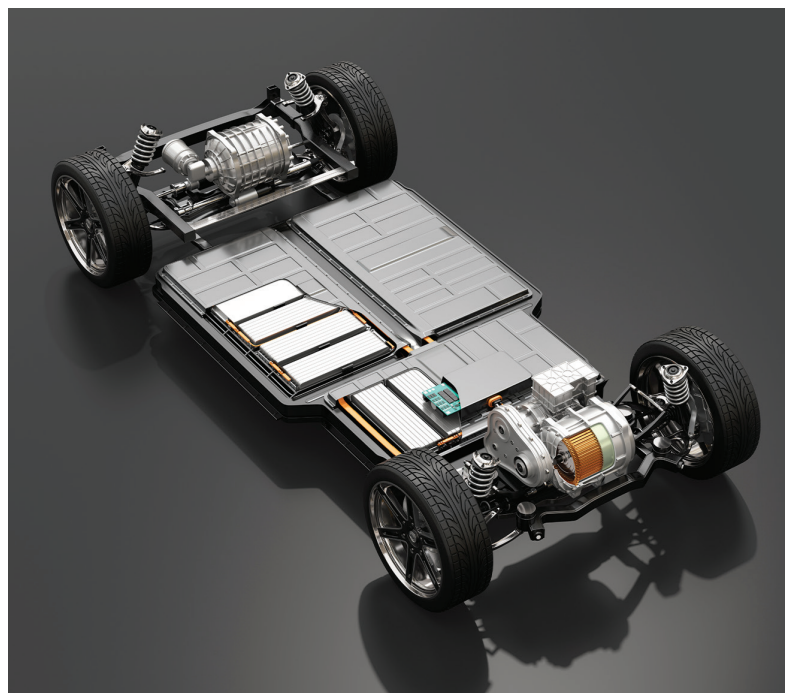


As one of the leading self-adhesive tape and technical material converters we design and produce customer-specific individual solutions to meet the highest quality and design requirements.

From design assistance, over prototypes up to serial production, we support our customers with our experience and know-how.

Our core strengths combined in our products

- Wide material selection used for solution development
- All in One solution provider
- Excellent adhesion to substrates used in EV Batteries
- Reliable mounting performance over the whole vehicle lifetime
- Excellent dielectric breakdown resistance
- Flame retardancy according to UL-94

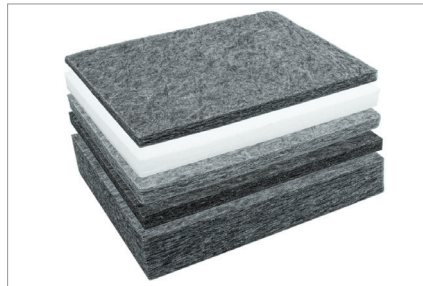


All in One Solution Provider

Product and Solution Development based on customer specification



ADHESIVE TAPES



NON WOVENS



DIE CUTS



TAPE DISPENSER



FELTS



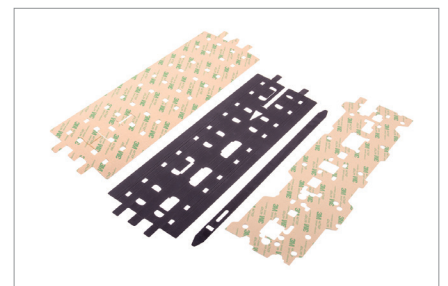
APPLICATION MACHINERY



FASTENER



TECHNICAL FOAMS

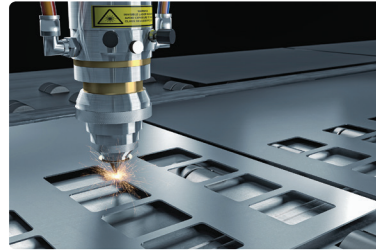
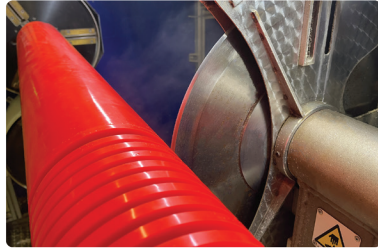


TECHNICAL FILMS

Processes

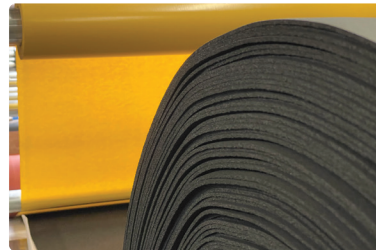
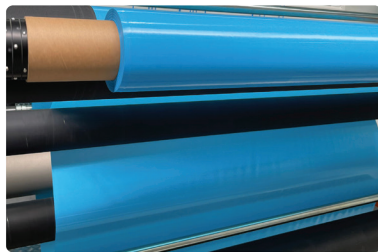
Converting as a process – optimization tool

Tape Cutting



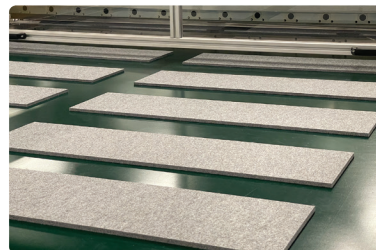
Laser cutting

Rewinding



Lamination

Kiss & Die Cutting



Sheeting

Rewinding / Cutting



Knife Cutting

Spooling



Miling



Material

- ✓ Rogers® Poron®
- ✓ Bisco® Silicone
- ✓ Formex®
- ✓ Mylar-A
- ✓ 3M® Gap Filler
- ✓ 3M® VHB



Application outsourcing

- ✓ Bonding of parts
- ✓ Surface preparation
- ✓ Automation of processes
- ✓ Packaging

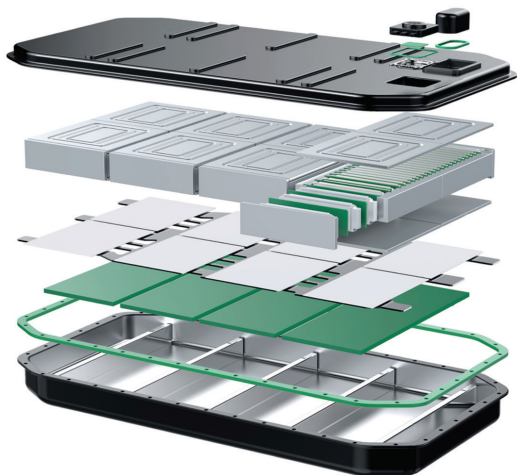


Application Solutions

- ✓ Optimization
- ✓ Automation
- ✓ Robotics

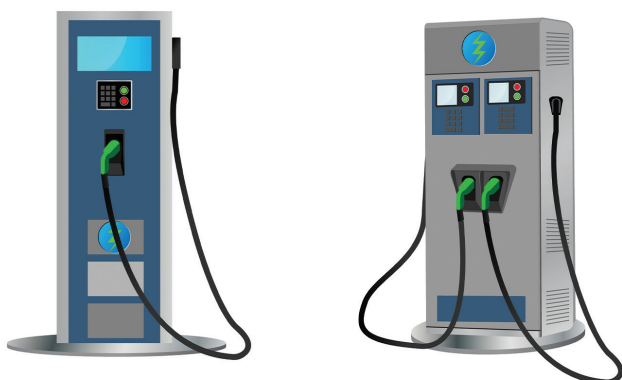
Different applications

Individual solutions



Energy Storage and mobility

- ✓ Insulations foils
- ✓ Compression pads
- ✓ Thermal pads
- ✓ Socket gaskets
- ✓ Pack-seal gaskets



E-mobility and infrastructure

- ✓ Thermal pads
- ✓ Insulations foils
- ✓ Gaskets
- ✓ Construction mounting

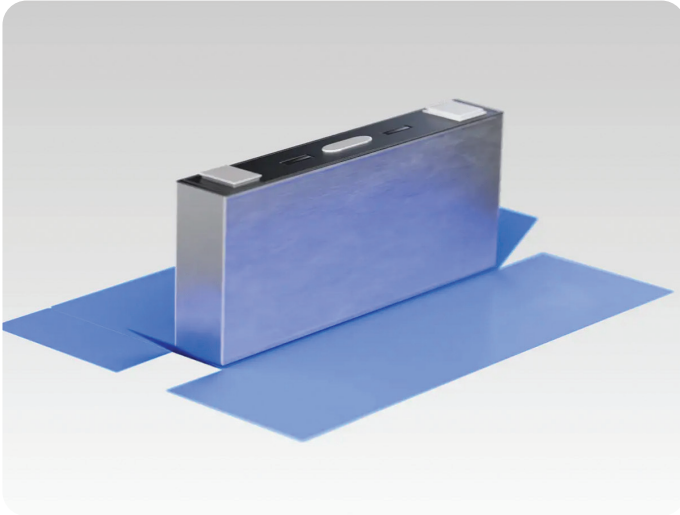


Compression pads

- ✓ Tight material tolerances
- ✓ Consistent pushback forces
- ✓ Increase efficiency
- ✓ Extend lifetime of the battery
- ✓ Achieve the BOL and EOL limits

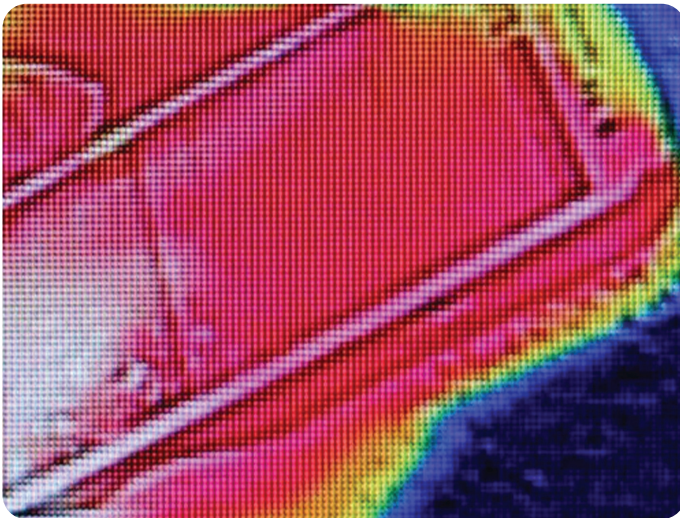
Different applications

Individual solutions



Insulations foils

- ✓ Secure wrapping
- ✓ High breakdown voltage
- ✓ Reliable insulation performance
- ✓ Wide range of product capabilities



Thermal management

- ✓ Improving thermal management
- ✓ Wide range of thermal conductivity
- ✓ High reliability under extreme conditions
- ✓ Very good electrical insulation
- ✓ Flame retardant acc. to UL94