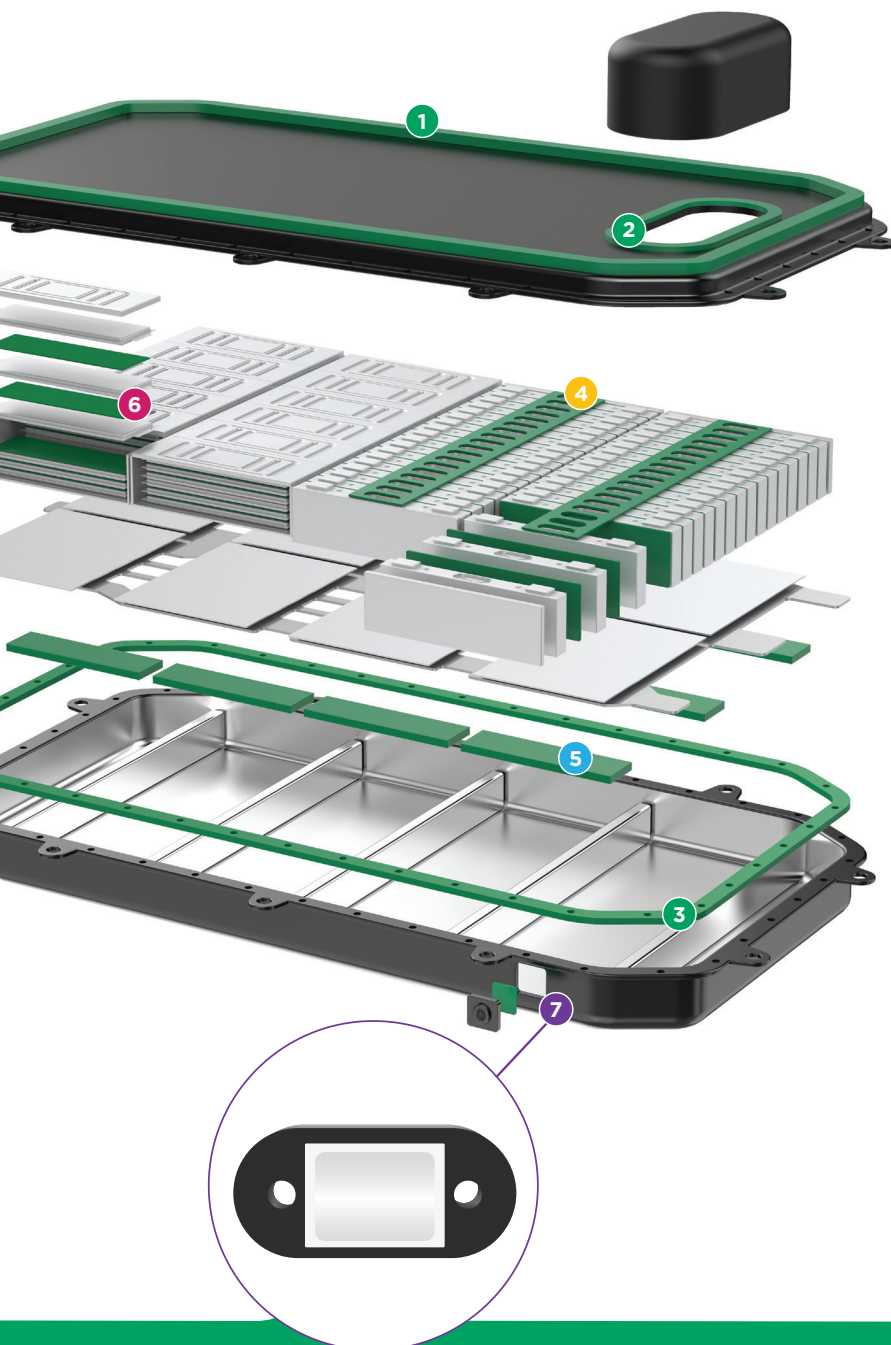


## HIGH PERFORMANCE MATERIALS FOR MOBILE AND STATIONARY BATTERY PACKS

Rogers offers a wide portfolio of high performing material solutions that address a multitude of problems in mobile and stationary storage applications, such as batteries for electrified light and commercial vehicles and stationary energy storages. Our Preferred converter Schloesser is providing technical service, product development and industrialization such as individual part finishing, die cutting and adding adhesive layers.



### Environmental Seal

#### 1 Cell-to-Chassis Battery Seal

#### 2 Power Distribution Unit Seal

#### 3 Battery Pack Seal

BISCO® silicone offers high reliability and repositionable sealing performance in the battery system.

### Cell Seal

#### 4 Prismatic Cell Venting Seal

BISCO silicone provides a seal between the vents and exhaust channel, allowing hot gas to exhaust via a designated path.

### Cushion and Spring

#### 5 Cooling Plate Spring Pads

PORON® polyurethane and BISCO silicone materials enable long-term cooling performance.

### Battery Cell Pad

#### 6 Cell Pads

Procell™ EV Firewall provides both compressibility and thermal propagation protection. PORON polyurethane and BISCO silicone materials deliver consistent push back force to optimize battery cell life and performance.

### Pressure Equalization

#### 7 Venting Film

DeWAL® multi-functional venting membranes equalize pressure and protect against dust and debris ingress, bursting for rapid pressure relief if needed.

## HIGH-QUALITY SOLUTIONS FOR E-MOBILITY, BATTERIES, AND FUEL CELL APPLICATIONS

**Intelligent and high-quality** – SCHLÖSSER has the appropriate solution for your application.

Drive technologies and energy storage are advancing rapidly. SCHLÖSSER has extensive practical experience in technical components in these areas. Fuel cells are increasingly being used in both stationary applications and in the automotive industry. Battery technology is already established in both sectors. For the

transportation of energy, voltage transformation, and the conversion of electrical energy into kinetic energy, increasingly higher demands are placed on inverters, electric motors, and their associated control units.

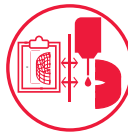
We manufacture your delicate components for assemblies in stationary or mobile applications with our expertise, adhering to the highest quality standards.

### OUR PRODUCT DEVELOPMENT:



#### TECHNICAL CONSULTING

- Material selection
- Component design
- Quotation preparation



#### PROTOTYPES

- Tool-less prototypes (laser or waterjet cut)
- 48-hour prototype manufacturing



#### TOOL MANUFACTURING AND CUTTING PROGRAMS

- In-house tool production
- Over 50 years of expertise
- Precise and high-quality tools with long service life



#### SERIES PRODUCTION WITH INITIAL SAMPLING

- Sampling according to VDA and up to PPAP standards
- Series production with cost-effective manufacturing technologies

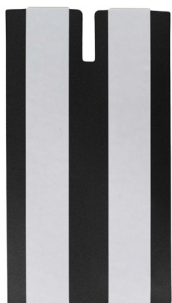


#### LOGISTICS

- Delivery methods and part handling tailored to your needs
- Integration with IT systems and data provision

#### Solutions for Batteries:

Compression pads, gap pads, damping elements, housing seals, insulation films, pressure equalization elements, thermal pads and tapes.



#### Compression Pads

The pads made of PU or silicone foams with excellent recovery capabilities allow for compensating tolerances between pouch cells as well as the accommodation of cell growth, known as "swelling." By applying controlled tension to the cells using materials that exhibit a stable compression set over the long term, the lifespan of the battery system can be significantly extended. Simultaneously, the compression pads protect against impacts and can reduce vibrations through the damping properties of the foams.

#### Gap-Pad

The damping elements made of PU or silicone foams are used to reduce shocks and vibrations around sensitive components such as battery cells and electronics within the battery pack, to protect, compensate for gaps or tolerances, and ensure the proper function over the lifetime of the end product.

