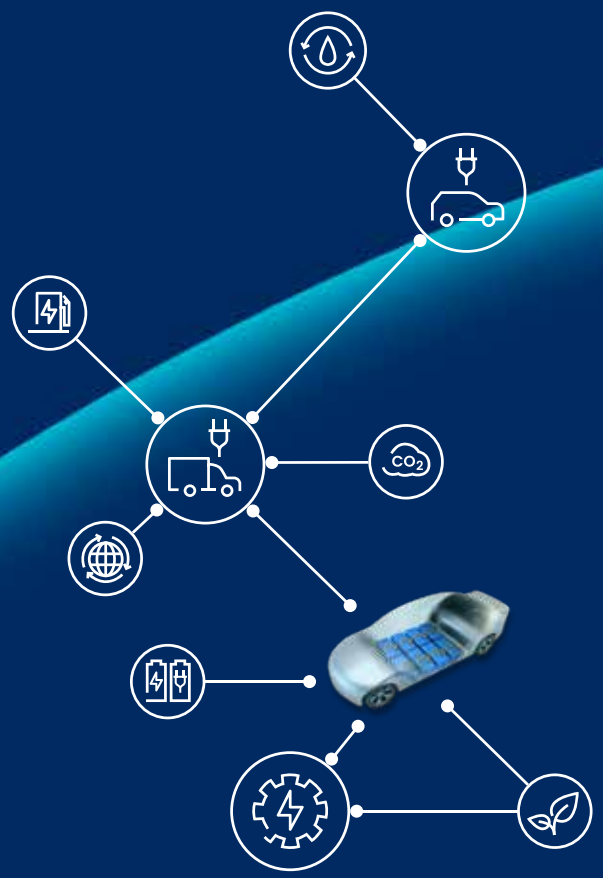
Global power.
Local care.

The Witzenmann Group is the leading expert in the safe transmission of media and energy. It spans the globe with 21 locations worldwide in Europe, Asia and America. As a preferred engineering partner, Witzenmann is shaping the change of the automotive industry and developing customized solutions. The products not only cover classical applications in the vehicle industry and aerospace but are ever expanding into new markets such as e-mobility and H2 applications.



Engineered to take the lead

Solutions for New Mobility

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www.witzenmann.com

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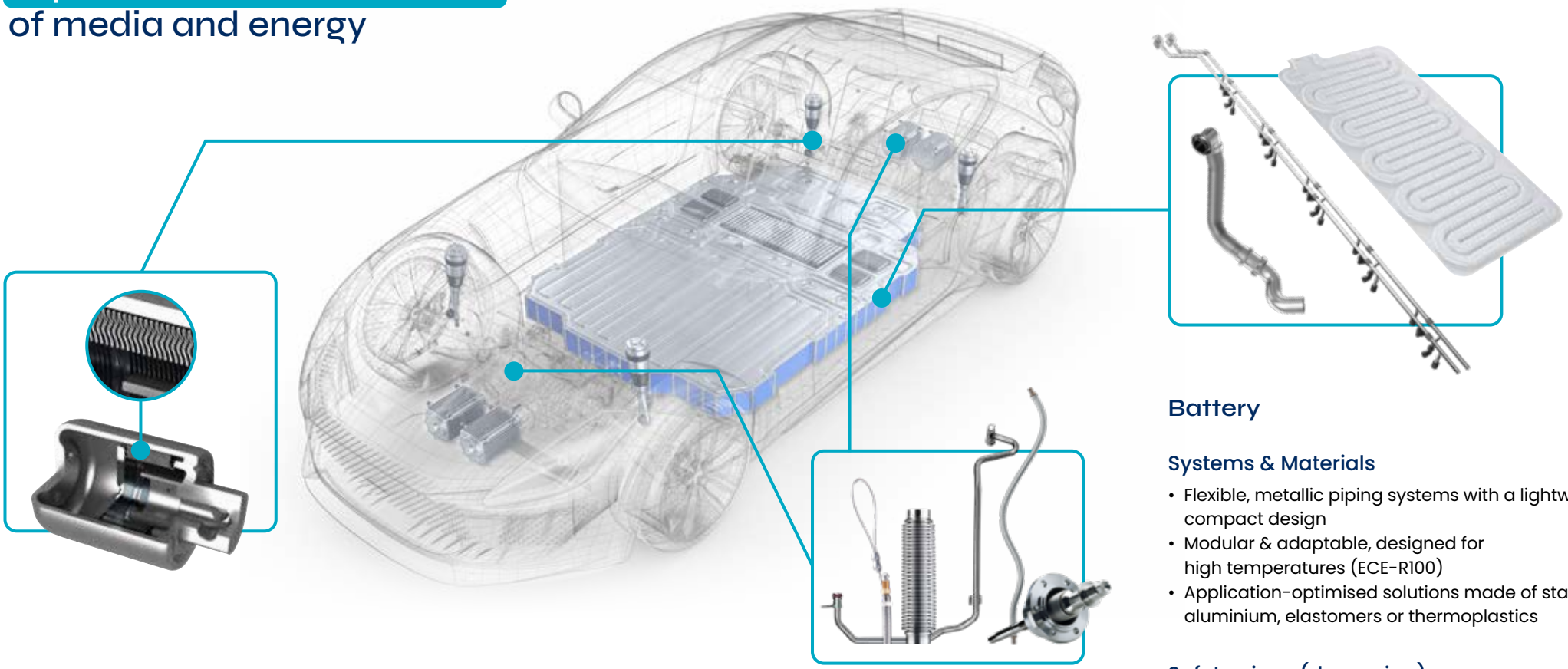
witzenmann
MANAGING FLEXIBILITY

Experts for safe transmission of media and energy



Chassis / Hydraulic systems

Accumulator

- Energy storage/recovery
- Volume compensation
- Pressure pulsation damping
- High standard of technical cleanliness
- Compact design
- Consistent product characteristics throughout the working life
- Maintenance-free

Fuel cell / H_2 combustion engine

Pipes and vibration decoupling

- Complete product-portfolio of hydrogen-resistant stainless steels (resistant to hydrogen embrittlement)
- Designed for system-typical high pressures
- Stable properties over life time
- Resistant to permeation
- Geometrical adaptability
- Common connection joints

Battery

Systems & Materials

- Flexible, metallic piping systems with a lightweight, compact design
- Modular & adaptable, designed for high temperatures (ECE-R100)
- Application-optimised solutions made of stainless steel, aluminium, elastomers or thermoplastics

Safety pipes (degassing)

- Metallic degassing pipes up to 1,000 °C
- Enhanced safety against thermal propagation & crash
- High geometric adaptability

Cool Reflex Plates

- For cylindrical, prismatic and pouch cells
- Ultra-thin stainless steel sheets (≥0.1 mm) for optimal heat transfer with minimal material usage
- Flexible regarding tolerances & swelling – no gap filler required
- Durable & safe: 100% recyclable, corrosion- and temperature-resistant, protection against thermal propagation