

BATTERY PACK LIQUID ABSORBERS

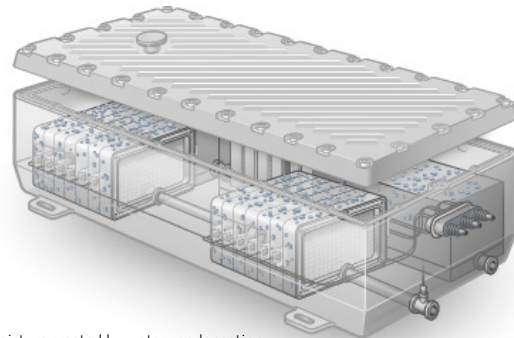
LIQUID MANAGEMENT IN BATTERY PACKS

Humidity, Water, Condensate

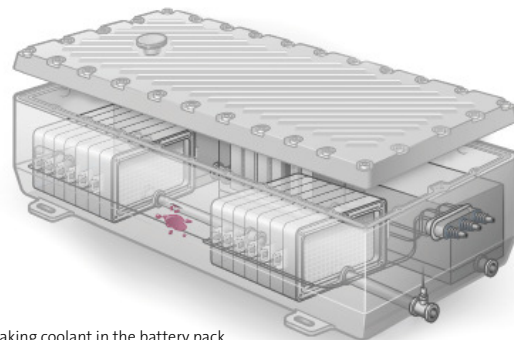
- Absorb different kinds of liquid
- Ensure passive climate control
- Enable redrying
- Function as breathing system
- Provide corrosion protection
- Prevent damage over long term

Coolant

- Water-/glycol-based liquids
- Fast absorption
- Prevent damage over short term
- Act as emergency function
- Manage coolant leakage risk



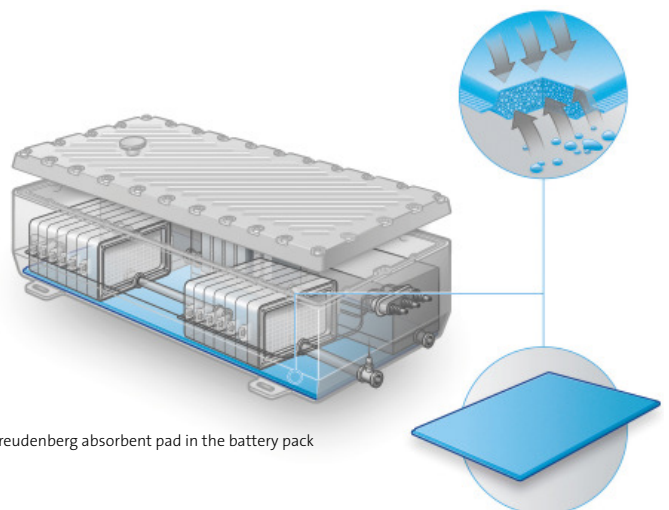
Moisture created by water condensation



Leaking coolant in the battery pack

FREUDENBERG'S SOLUTION: BATTERY PACK LIQUID ABSORBERS

- Fast liquid absorption
- Excellent liquid retention
- Absorption capacity up to 20l/m²
- Great design flexibility of pads
- Re-drying after absorption of condensate
- UL 94 HB



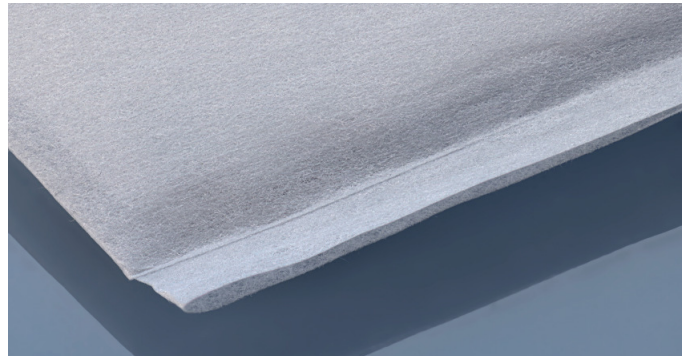
Freudenberg absorbent pad in the battery pack

BATTERY PACK LIQUID ABSORBERS

STABLE, LONG-TERM PROTECTION OF THE BATTERY PACK

Liquid management for improved lifetime and safety

The pads are a long-lasting solution for climate and moisture management in battery packs. The nonwoven material quickly takes up condensate and stores it effectively. Even in an emergency, leaking coolant is quickly absorbed and reliably retained.



Zoom on Product Edge

ALL BENEFITS AT A GLANCE

- Passive humidity control
- Condensation prevention
- Long-lasting through re-drying function
- Fast coolant absorption and reliable retention in emergencies
- Adjustable absorption capacity
- Customer-specific geometries

Watch video:



Inside Multilayer Construction



Liquid Retained inside the Pad