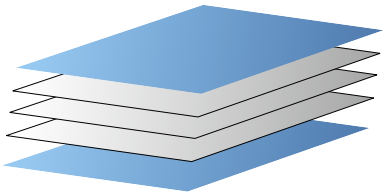
# BATTERY PACK LIQUID ABSORBERS

Liquids inside lithium-ion battery packs can significantly diminish their function and lifespan. Freudenberg Performance Materials developed its Battery Pack Liquid Absorbers to prevent such problems. The absorbent pads capture and reliably store moisture, water, condensation and leaking coolant. With adjustable absorption capacity and custom geometries, these pads ensure long-lasting battery packs.

## PRODUCT CONSTRUCTION



Cover layer

Absorbing layers

Cover layer

| PROPERTIES | VALUES |
|---|---|
| Cover layer | Thermally bond PES NW |
| Absorption layer | Hydrophilic nonwoven with special high absorbing coating |
| Absorption capacity | Up to 30 l/m² |
| Absorption speed | 70 %/3 min |
| Burning behaviour | UL 94 HB |
| Geometry / Design | Rectangular* |
| Liquids | Moisture, Condensate, Water, Water/Glycol |
| Mounting | Self-adhesive tape |

Average values, subject to normal production tolerances.

*Special designs on request

## STANDARD DESIGN

| | |
|---|---|
| Rectangular | Width x Length: 50 x 1500 to 1500 x 50 mm |

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