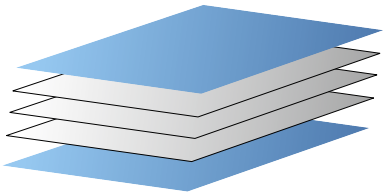
PRELIMINARY
technical data

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 condensate and leaking coolant. With adjustable absorption capacity and custom geometries, Battery Pack Liquid Absorbers 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	Water, Water/Glycol
Temperature resistance short term	230°C
Temperature resistance long term	110°C
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

NBD Automotive BLA | RD April 2021

Freudenberg Performance Materials SE & Co. KG · Regional Business Unit Europe · 69469 Weinheim, Germany · batteryliquidabsorbers@freudenberg-pm.com · www.freudenberg-pm.com

FREUDENBERG
PERFORMANCE MATERIALS

FREUDENBERG
INNOVATING TOGETHER