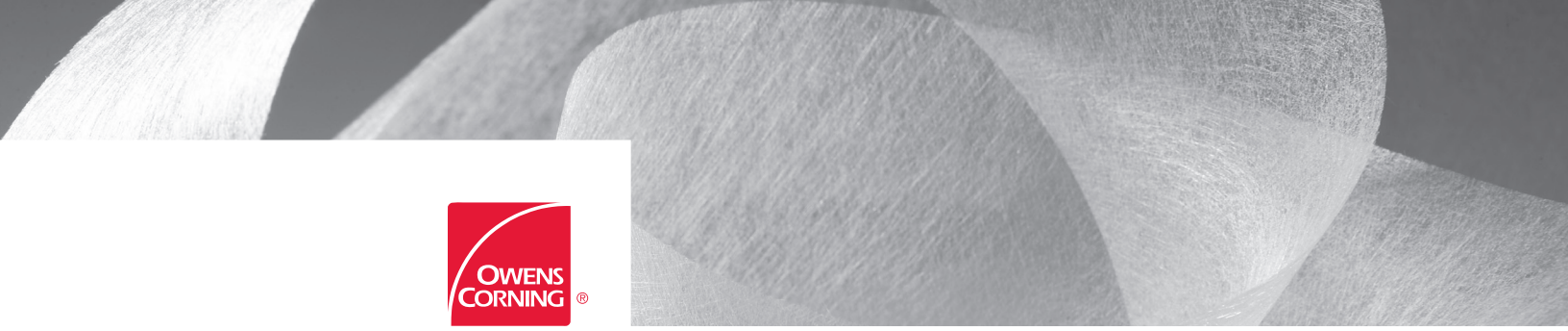


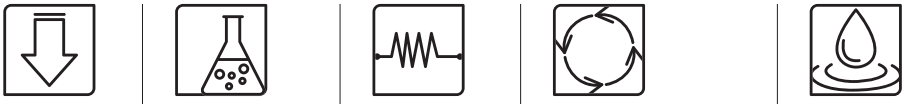
LIFEMAT® PASTING MAT OPTIMIZES BATTERY PERFORMANCE

LifeMat® Pasting Mat is specifically designed to replace paper scrim and increase the performance of lead acid batteries.

- Glass fiber veil bound by a modified, fast, wet-out acid-resistant acrylic resin.
- Produced with patented Advantex corrosion-resistant E-CR glass by Owens Corning.
- Available in a wide range of widths and roll sizes.

FOR STABLE LIFETIME PERFORMANCE IN BATTERIES

Product Benefits



Designed for Lead-Acid Batteries
- Excellent corrosion resistance with very low electrical resistance (<17mΩ/mm2).
- Minimal effect on cold cranking due to the low electrical resistance.

Exceptional Performance
- Re-enforces the positive active mass at the surface while preventing positive active mass shedding.
- Exceptional oxidation resistance provides additional protection throughout the lifetime of the battery.

Ease of Use
- LifeMat® is pasted onto/into the positive active mass where, upon drying/curing, a very strong bond is formed, eliminating the need for pasting paper.
- Easy to cut and compatible with continuous pasting processes.
- Easily applicable in continuous pasting process.

Cost Optimization
- No investment or modification of the equipment/process is needed.
- Cost optimization through eliminating the need for cellulosic pasting paper.
- Different porosities are available to match individual paste recipe.

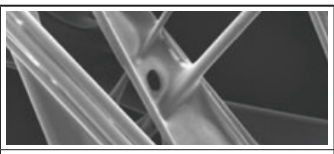
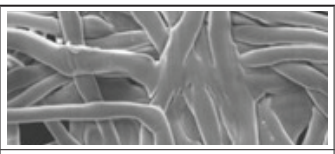
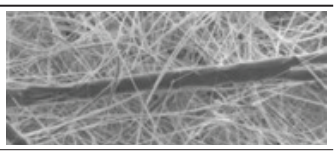
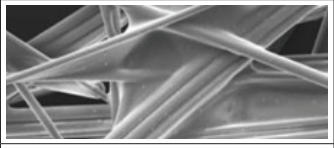
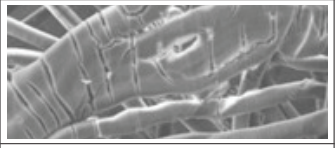
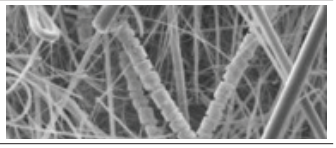
Applications

LifeMat® Pasting Mat is manufactured specifically for use in lead-acid batteries. Main applications include enhanced flooded batteries (Stop/Start), SLI applications for cars and trucks, and AGM for industrial and automotive applications.

Common Technical Characteristics
(Nominal Values)

THICKNESS	TENSILE	ELECTRICAL RESISTANCE
< 0.2 mm	> 50N/50 mm	<17mΩ/mm^2

ACID RESISTANCE TEST: 8 DAYS IN H_2SO_4 AT 70°C

	LifeMat®	Polyester	Micro-glass
BEFORE TESTING			
AFTER TESTING			

Specific Technical Characteristics
(Nominal Values)

ROLL WIDTH	ROLL DIAMETER
43 mm +	75 mm Core ID

Packaging & Labeling

Each individual package is labeled with information including product name, producing plant, production date, and a unique ID allowing full traceability.

Storage

It is recommended that the material is stored in a cool, dry area in which the temperature does not exceed 35°C and the relative humidity is maintained below 75%. Material should remain in its original packaging until immediately before use. It is advised that stock rotation of the material is exercised. However, if the above conditions are respected, the material is guaranteed against significant deterioration for a period of three years.

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