



# LIFEMAT<sup>®</sup> RETAINER MAT PROVEN PERFORMANCE

**LifeMat<sup>®</sup> Retainer Mat is a proven solution for extending life and delivering increased performance in heavy-duty lead acid batteries.**

- 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 thicknesses and packaging formats.

## ENGINEERED FOR USE IN LEAD ACID BATTERIES

### Product Benefits



**REINFORCEMENT**



**HIGH PURITY**



**OXIDATION  
RESISTANCE**



**LOW ELECTRICAL  
RESISTANCE**



**INSTANTANEOUS  
WET-OUT**

### Proven Performance

- Re-enforces the positive active mass at the plate surface to prevent shedding.
- Oxidation Resistance — protects the separator for exceptional oxidation resistance throughout the lifetime of the battery.
- Vibration Resistance — promotes vibration resistance for the battery compartment.
- Instantaneous wet-out — enables smooth processing and less down time.
- Acid Resistance — <3% of weight lost in sulphuric acid after 72 hours.
- High Purity — Cl <50ppm, Fe <20ppm.

### Applications

LifeMat<sup>®</sup> Retainer Mat is manufactured specifically for use in lead acid batteries in conjunction with a PE/PU separator. This product can be adhered directly to the separator or utilized during the enveloping process, and is suitable for use in heavy-duty battery applications, such as heavy goods vehicles, uninterrupted power supply, golf carts, forklift trucks, and submarines.



## Packaging

PRODUCT THICKNESS (MM)	NOMINAL ROLL WIDTH (MM)	CORE ID (IN)	PACKAGING FORM
0.2–1.2	43–2,100	3 or 6	Typically loose or on pallets, with leaves available on request.

## Labeling

Each individual package is labeled with information including product name, producing plant, production date, and a unique ID allowing full traceability. Additional weights and widths are available upon request by your Owens Corning representative.

## 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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