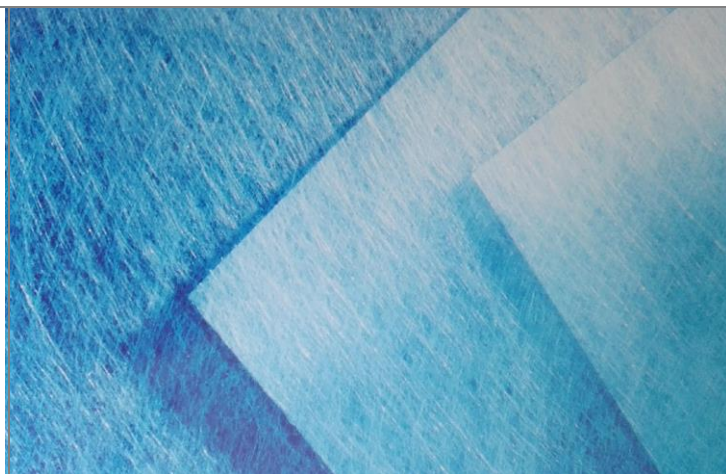


ReginaMat ASE Battery Separator Mat

Separator mats in battery plate separator applications



Technical Data

Item Code:	P0.20ASE	P450ASE	P500ASE	P600ASE	P750ASE	P1.00ASE	P1.50ASE
Mass	20-22 gsm	45-48gsm	53-55 gsm	63-66 gsm	78-82 gsm	105-115 gsm	158-165 gsm
Thickness	0.20mm ±10%	0.45mm ±10%	0.50mm ±10%	0.60mm ±10%	0.75mm ±10%	1.0mm ±10%	1.5mm ±10%
Binder Type	Aqueos acrylic emulsion						
Binder Content	19% -21%						
Typical Specification for impurities	Impurity		Limit		Impurity		Limit
	Iron		0.03%max		Chlorine		0.03% max
	Manganese		0.001% max		Acetic acid		None
	Organic Matter		1% max		Sliver		0.001% max
	Cooper		0.001% max		Nickel		0.001% max
Standard Widths	To suit customer eg. 142mm,146mm and 300mm						

Characteristics

- Made from five or six layers of continuous, C-glass (ASTM C162-03), 12 micron fibres, randomly dispersed across the sheet.
 - Chemical resistance is **Acid Class 1**, (DIN12116)
 - Acid resistant Binder
 - Any intermediate thickness can be produced between 200 micron (0.2mm) and 1500 micron (1,5mm) up to max web width of 2000mm.
 - The product meets the following section of Australian Standard AS1981-1981. "Stationary batteries of the lead – acid pasted plate type".
- Apparent Density : Section 1.1.13.5.2
Acid Resistance Test: Section 1.1.13.5.3
Size of Fibre Test: Section 1.1.13.5.4

Applications

- The mats are used in leadacid storage batteries to separate and retain the paste on the plate grids, which may otherwise dislodge. The long fibres making up the web provide an openness which allows the free flow of gas and liquids in the battery.
- The battery separator mat is manufactured from material that is acid resistant and of a high purity, to ensure no contaminants. organic or inorganic, which would be detrimental to the life or performance of the battery.
- Consistent physical dimensions ensure trouble free assembly.
- Suitable for use in flooded lead acid batteries

These specifications are subject to change without notice, and are sold subject to our standard conditions of sale. Products can be made to order, at different fibre diameter, mass, thickness and width to the above, and with roll lengths to suit your needs. The user must be satisfied that the product is entirely suitable for the purpose.