



Ahlstrom
FortiCell[®] LAB

Separator Reinforcement Tissue

Fiber-based Solutions for Energy Storage

Lead Acid Batteries for Heavy Duty Applications require Separators which are reinforced to withstand hard conditions, be it vibration, deep discharge and ensure long lasting battery life .

Ahlstrom Reinforcement Tissues meet these requirements, used in combination with PE or as single/ separate solution. Our range of products offer low electrical resistance, rapid acid absorption and wicking for fast battery filling. Plus high mechanical strength for high-speed battery assembly.

Benefits

- ✓ Available in a wide range of dimensions
- ✓ Low electrical resistance
- ✓ Low acid weight loss and impurity levels
- ✓ High uniformity
- ✓ High mechanical strength for high speed enveloping

Separator Reinforcement Tissue Range Overview:

- Glass Fiber Tissue for Heavy Duty Battery Applications
- Use in combination with PE Separators or as separate, single solution
- Full range of materials available
- Thickness from 0.20 – 0.80 mm
- Different fiber types and compositions
- High mechanical strength
- Uniform fiber distribution due to unique process
- Binder with high acid resistance and low acid weight loss
- Low level of impurities

Examples of available grades:

	Thickness	Basis weight	Air permeability	Tensile Strength MD
Grade	(mm)	(g/m ²)	(l/m ² /s)	(N/m)
GEC-20	0.20	20	8400	tbc
GEC-24	0.23	24	10500	1400
AEC-35	0.23	35	7600	1000
GEC-45	0.33	45	6800	2700
AEC-60	0.39	60	3900	5000

Other grades as well as custom grades available. Please consult us to meet your needs.

Ahlstrom Manufacturing Platforms

Karhula, Finland and Madisonville, USA for glass tissue materials

Ahlstrom is a global leader in innovative glass tissue.

Contact Ahlstrom Sales: ✉ forticell@ahlstrom.com

www.ahlstrom.com



Disclaimer: The information supplied in this document is for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed, including without limitation any warranty of merchantability of fitness for use. All users of the material are responsible for ensuring that it is suitable for their needs, environment and end use. All data is subject to change as Ahlstrom deems appropriate.