

MSLI Motorcycle Battery Separators

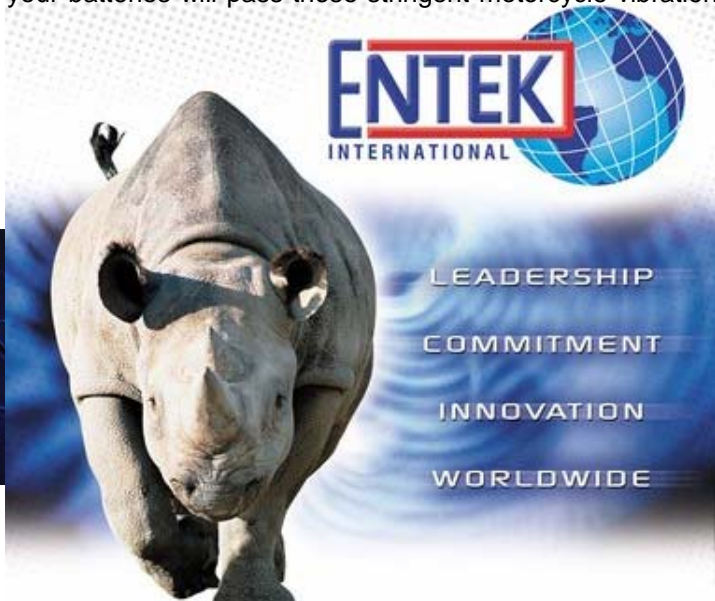
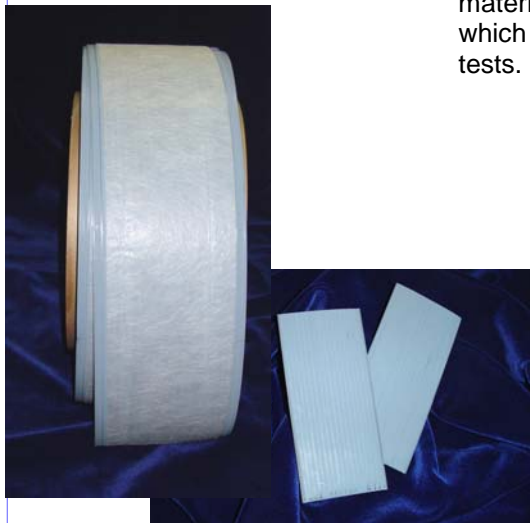
Narrow width Polyethylene Separator with or without laminated Glass Mat for Motorcycle Battery Applications

ENTEK has created a new set of options for the motorcycle battery world. Now you can benefit from the obvious benefits of micro-porous PE envelope and the benefits of new enveloping technology, as well as Fiber Glass Retainer mat on the wider motorcycle widths. We will slit the PE to the width of your choice, laminate a battery grade fiber glass retainer mat to it and wind it onto a core for your enveloping process. Or if you have a Fiber Glass unwind on your enveloper, we can provide just the PE in slit rolls. ENTEK offers advice on the various motorcycle battery separator envelope machines that are available for your engineers to study. The automotive lead-acid battery industry has adopted PE envelope technology for its starting, lighting and ignition requirements. It's time to move away from leaf separators in this industry too.



Most leaf separators are relatively thin, and flat. This often means that an increasing glass mat thickness is what increases the total thickness of the leaf separator system. With a PE + Glass Mat separator system, the rib height is variable. We recommend the least expensive glass mat possible; 0.30 mm glass mat.

Laminated to the PE envelope and flush against the positive active material, our 0.30 mm glass mat will be the perfect means by which your batteries will pass those stringent motorcycle vibration tests.



Smart Separator Solutions®

MSLI Motorcycle Battery Separators

ENTEK's new MSLI Motorcycle Battery Separator system will feature a continuous rib pattern with 7 mm pitch, no shoulder space, thin backweb, variable rib height, and 0.25 mm glass mat for maximum efficiency and maximum value. And... the glass mat can be placed on either the flat side or on top of the ribs...

Backweb	Rib Height	Total PE Thickness	Fiber Glass Retainer Mat*	Total Thickness
Continuous Rib 7 mm pitch, PE Envelope, in mm.				
0.15	0.20	0.35	0.25	0.60
0.15	0.25	0.40	0.25	0.65
0.15	0.30	0.45	0.25	0.70
0.15	0.35	0.50	0.25	0.75
0.15	0.40	0.55	0.25	0.80
0.20	0.20	0.40	0.25	0.65
0.20	0.25	0.45	0.25	0.70
0.20	0.30	0.50	0.25	0.75
0.20	0.35	0.55	0.25	0.80
0.20	0.40	0.60	0.25	0.85
Or flat positive side and negative side mini-rib PE Envelope, in mm.				
0.15	0.15	0.30	0.25	0.55
0.20	0.15	0.35	0.25	0.60
0.25	0.15	0.40	0.25	0.65

*Fiber Glass Retainer Mat is available and can be laminated to PE widths of 90 mm or more.

Contact your friendly ENTEK representative: Steve Gerts, Eric Donjon, Greg Humphrey, Tay Hwa Beng
www.entek-international.com

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