



# ENTEK

RAISING EXPECTATIONS.  
KEEPING THEM THERE.

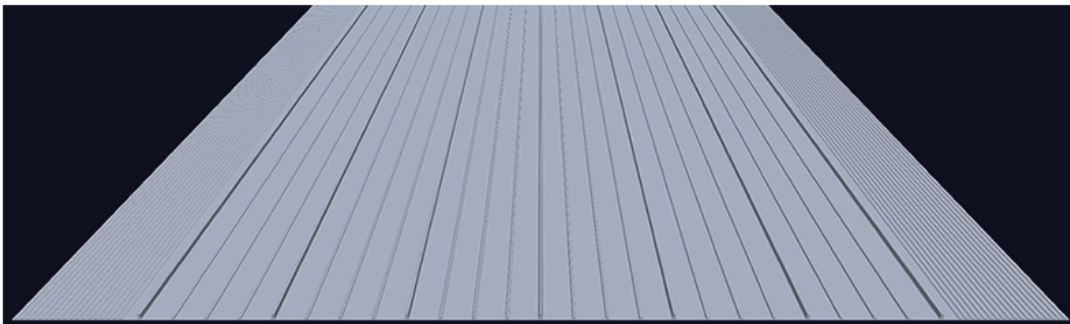


## ENTEK GE Separators

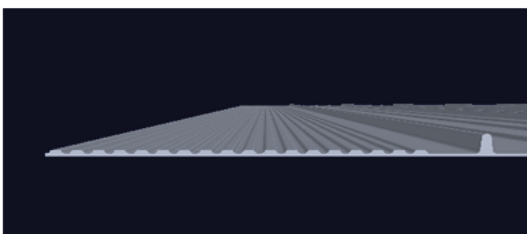
- **GE design increases shoulder puncture by 20%**
- **Shoulder design increases field and warranty life by reducing wire shorts**
- **Lower scrap and increased productivity due to reduced misfolds with the strengthened GE shoulder**
- **Increased roll quantities on 0.15 GE reduces freight costs and enveloper downtime**
- **Consolidated global design provides commonality from all production facilities**

The GE profile is the best combination of cost-saving rib design along with a superior plate puncture-resistant shoulder design to give customers the best of both worlds... cost optimization and high-performance batteries. The 0.15 mm backweb GE profile is the world's standard for robust, high-performing, cost-effective battery separators. GE is available in .15, .20 and .25 backwebs.

GE Profile:

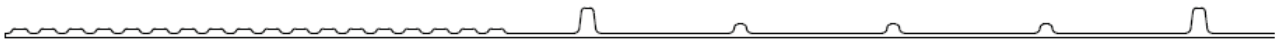


GE Profile: Shoulder



GE Profile: Ribs





*Increased height of reinforced GE shoulder prevents bent wire shorts. Shoulder rib spacing is narrower than the grid wire diameter*

Typical Characteristics			
Backweb Thickness (mm)	0.150	0.200	0.250
Overall Thickness (mm)	0.6 - 1.4	0.6 - 1.4	0.7 - 1.5
Porosity (%)	55 (all thicknesses)		
Lane Width (mm)	161 or 162 (all thicknesses)		
Shoulder Width (mm)	19.50 (all thicknesses)		
Backweb Puncture Strength (N)	7.7	8.4	9.8
Shoulder Puncture Strength (N)	10.6	11.3	12.5
Electrical Resistance (mΩ-cm <sup>2</sup> )	55	78	87
Backweb Oil (%)	15	15	14
Skew (mm)	<8 (all thicknesses)		
Transverse Elongation (%)	535	625	814
Machine Direction Elongation (%)	543	636	518
Acid Weight Loss (%)	1.8	2.0	1.9



*This data sheet only shows typical properties. These typical properties may change without prior notification. We urge purchasers to conduct tests to determine final suitability for their specific end uses. No statement with respect to use is intended as a positive recommendation for such use, no guarantee of performance expressed or implied is made.*

ENTEK'S commitment to innovation in battery separator technology and extruders keeps production lines humming around the globe. But it's our customer service that's fueled our rapid expansion. For over 25 years, we've helped customers exceed their business objectives. How can we help you?

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