

DreamWeaver

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AT A GLANCE

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Low Cost and High Performance

Dreamweaver has a roadmap to deliver the lowest cost, highest performance battery separators at 10 microns thin, stable to 300 C, and produced on modern high speed production equipment.

Dreamweaver Silver 20 Product Launch

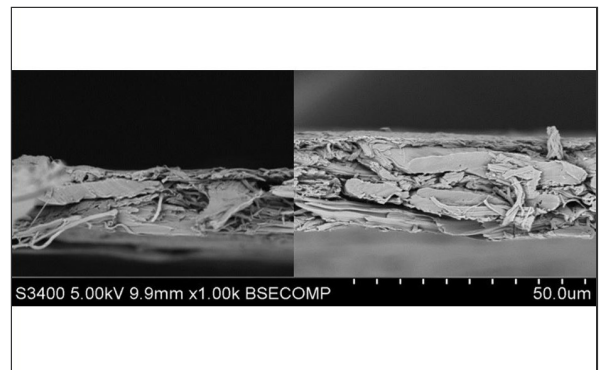


[Dreamweaver](#) is now offering a 20 micron nonwoven separator for lithium ion batteries. With low porosity (42%), this separator has the lowest pore size, lowest self-discharge and highest strength of any nonwoven separator, and retains good rate capability and excellent safety characteristics. Initial application development will focus on lithium iron phosphate cells, where the combination of improved safety, high rate and low cost provide significant value, especially in Chinese electric vehicles, where this cathode material dominates. Dreamweaver Silver 20 is now being produced in full scale production with 100% optical inspection ([see below](#)). For samples, please contact us at [\(864\) 968-3320](tel:8649683320) or email Laura.Bruce@dreamweaverintl.com



Silver in large scale production

Dreamweaver and Glatfelter are now able to produce [Dreamweaver Silver](#) at a rate of 100 million square meters a year with 100% optical inspection and defect rates in the low ppb (area/area). This is a significant achievement and the excellent engineering team at Glatfelter continues to improve quality, increase production rates and



World's Thinnest Nonwoven Separators

Dreamweaver and Glatfelter have cooperated together to develop the [world's thinnest nonwoven separators](#). With production prototypes available at 15 microns for Silver and Titanium, and a Silver product at 20 microns, they have lower porosity, smaller pore sizes and

reduce cost as we gain experience. Please contact us at [\(864\) 968-3320](tel:8649683320) or Laura.Bruce@Dreamweaverintl.com for samples.



Full time Chinese Account Manager

We would like to welcome [Michael Liu](#) to the Dreamweaver Family! As Senior Account Manager in China, Michael will focus on developing applications of [Dreamweaver Silver](#) in lithium iron phosphate cells for EVs, electric bicycles, power tools, energy storage and other applications. He will be working with our customers to provide excellent customer service and real time communication to Dreamweaver's technical support network.

higher strength than other nonwoven separators, and continue to provide high rate capability and low cost. The technology should eventually allow separators at 10-12 microns with the lowest cost and highest safety in the market.



Stop By Our Booth!

[Dreamweaver](#) has a booth at [CIBF](#) this week. We are located at booth number 6E175. Come meet [Michael](#) and [Brian](#)!

Dreamweaver will also be hosting a booth at the [Interbattery](#) show in Seoul, Korea, October 5th - 7th. Stop by to see samples of our latest products and meet [Hoper](#) and [Brian](#)!

Upcoming Events

- [CIBF](#), Shenzhen China - May 24th - 26th
- [229th ECS Meeting](#), San Diego, CA - May 29th - June 2nd
- [Powersources](#), Orlando, FL - June 13th - 16th
- [AABC](#), Detroit, MI - June 14th - 17th
- [18th IMLB](#), Chicago, IL - June 19th - 24th
- [EES Europe](#), Munich, Germany - June 21st - 24th
- China Supercap Exhibition, Shanghai, China - August 22nd - 25th
- [The Battery Show](#) - September 13th - 16th
- [Batteries 2016](#), Nice, France - September 28th - 30th
- [InterBattery 2016](#), Seoul, Korea - October 5th - 7th
- [Lithium Battery Power/Safety](#), Bethesda, MD - November 1st - 4th

You can also check our website for a [calendar of events](#).