



AIRTECH INTERNATIONAL - UNITED STATES
AIRTECH EUROPE - LUXEMBOURG
TYGAVAC ADVANCED MATERIALS - UNITED KINGDOM
AIRTECH ASIA - CHINA

VALUE ADDED CONSUMABLE MATERIALS FOR COMPOSITE WIND BLADE MANUFACTURING

**VACUUM BAGGING | RELEASE FILM
PEEL PLY | SEALANT TAPE**



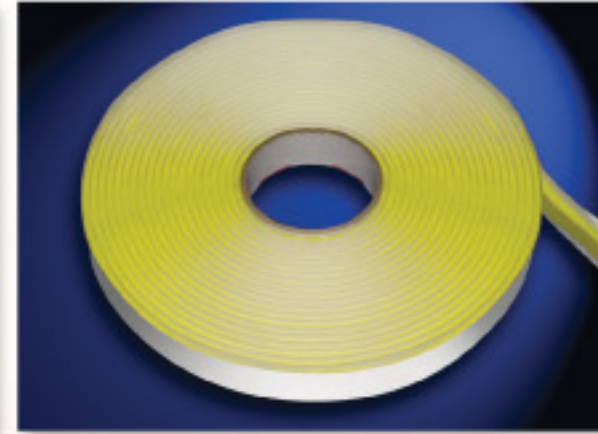
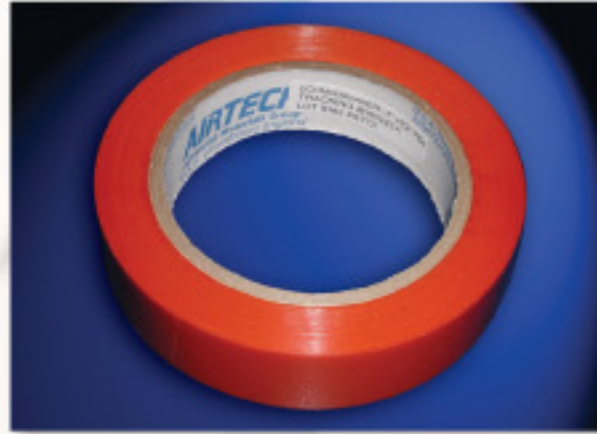
www.airtechwind.com

- Download Catalog
- Technical Assistance
- Products Approved Worldwide

MORE THAN A MANUFACTURER... A TECHNICAL PARTNER!

ISO 9001: 2000

VALUE ADDED VACUUM BAGGING PRODUCTS



Bagging Films

- **BIG BLUE L100** - Low temperature, up to 14 meters wide
- **SECURLON® L500Y** - High temperature multi-layer
- **KM1300** - 400°F (204°C) Softest nylon
- **WL5400** - 350° F (177°C) Nylon
- **WL7400** - 400°F (204°C) High temperature nylon
- **RELEASE BAG 125** - 291°F (144°C) Vacuum bag/release

Peel Plies (www.peelply.com)

- **ECONOSTITCH** - Nylon with red tracers

Release Films

- **RELEASE BAG 125 P-3** - 285°F (141°C)
- **WL3600** - 250°F (120°C) Inexpensive
- **WL3900** - 315°F (157°C) Stronger than WL3600

Sealant Tapes

- **ECONOSEAL 46** - Low cost sealant tape
- **ECONOSEAL 48 HT** - Low cost, high tack
- **AT-200Y** - High temperature, high tack

Adhesive Tapes

- **ECONOBREAKER** - Inexpensive multi-purpose tape
- **FLASHBREAKER®** - Multi-purpose tape
- **AIRHOLD 1 CBS** - Double-sided adhesive
- **AIRHOLD 10 CBS** - Double-sided fabric reinforced adhesive tape
- **TEFLEASE MG 2** - Teflon tape
- **TOOLTEC® A005, A007, A012** - Adhere to tool surfaces providing semi-permanent release and a reconditioned surface

Shrink Tapes

- **A575** - Shrink tape
- **A575RC** - Shrink tape with release agent coating

Breathers

AIRWEAVE® - Non-woven polyester breather that is designed for high pressure cures.

- **AIRWEAVE® N4** - 4 oz/yd² (135 g/m²)
- **AIRWEAVE® N7** - 7 oz/yd² (237 g/m²)
- **AIRWEAVE® N10** - 10 oz/yd² (339 g/m²)

ECONOWEAVE - Economical breather made from recycled polyester fibers. Designed for low pressure cures.

- **ECONOWEAVE 22** - 2 oz/yd² (68 g/m²)
- **ECONOWEAVE 44** - 4 oz/yd² (135 g/m²)
- **ECONOWEAVE 1010** - 10 oz/yd² (339 g/m²)

Dahltextx

- **DAHLTEXX BREATHER PLY SP** - Air permeable resin barrier membrane
- **DAHLTEXX BREATHER PLY ES** - Air permeable resin barrier membrane with peel ply

Vacuum/Resin Connections

- **VAC-VALVE 401C** - Through bag fitting
- **AQD 500** - Quick disconnect
- **VAC-GAUGE 30** - Vacuum gauge
- **ECONOFLOW 59** - Vacuum hose

Spray & Fiberglass Mesh Adhesive

- **AIRTAC II** - Premium contact spray adhesive
- **AIRTAC II RED** - Contact spray adhesive with red pigment for visibility
- **TAC-STRIP** - Fiberglass mesh with adhesive

Composite Cutting Aids

- **TECHSHEARS** - High tech, ergonomically friendly with replaceable blades, cutting shears
- **SHOP SHEARS** - Lightweight, large handles, thick blades, cutting shears
- **DUROCAST** - Urethane table top (Non-Silicone)

Resin Infusion (www.resininfusion.com)

- **RB 451** - Vacuum pot with vacuum regulator
- **RESIN / INFUSION MESH** - Many different styles
- **RESINFLOW** - Resin distribution mesh - Low and high temperature
- **OMEGA FLOW LINE** - OF313, OF500, OF750, OF1000 - Reusable silicone
- **OMEGA FLOW LINE** - OF625V AND OF750V - Reusable vinyl
- **SPRIAL WRAP RESIN FEEDER LINE** - Polyethylene spiral tube

CUSTOM ENGINEERED VACUUM BAGS



Reduce Touch Labor (RTL)

Airtech has taken another step towards providing high-value engineering services with the launch of its new Custom Products Department. We now offer **CUSTOM vacuum bagging for any shapes and sizes**. We've made big investments in high-tech machinery, new software, more personnel, and have opened up additional floor space to provide our customers with value-added solutions.

Our engineering staff can take sketches, solid CAD model files, or sample parts and develop a vacuum bag for you. For any size wind blade, we can deliver a custom product tailored to fit your needs. We've helped reduce significant amounts of touch labor costs and allow faster production cycle times. Put RTL to work for you today! www.reducetouchlabor.com

SERVICES / ADVANTAGES

- Airtech is a **MANUFACTURER**, unlike our competition

Advantages:

- ★ Custom roll widths and lengths to minimize waste
- ★ Competitive pricing
- ★ Quality = Single point of responsibility (In-house ISO 9001 registered Quality Control department)
- ★ Can supply custom formulations specific to your application
- Family owned and operated
- Facilities with sales staff and distributors around the world

- Kitting and tailored bags to "Reduce Touch Labor" (RTL)

- CATIA (Computer Aided Three dimensional Interactive Application) - Our in-house engineering department can transform a flat image into a 3D geometric model
- Technical assistance
- Customer service is the foundation on which Airtech is built upon
- Long term supply agreements

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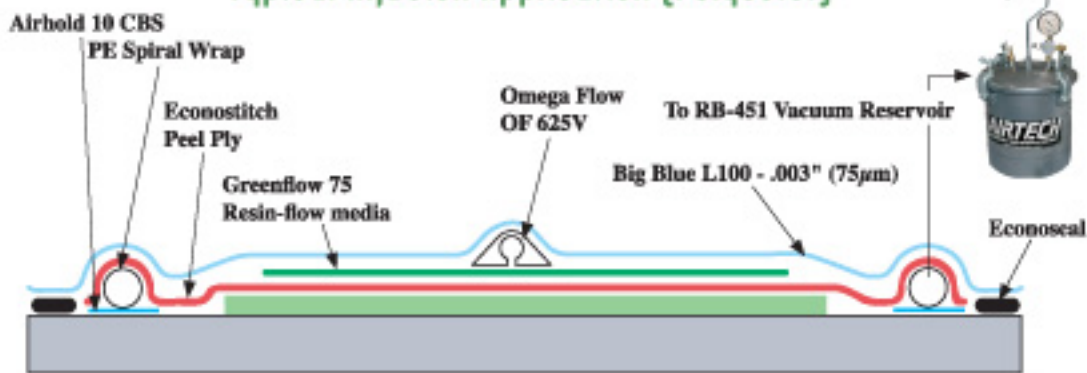
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AIRTECH
Wind Energy

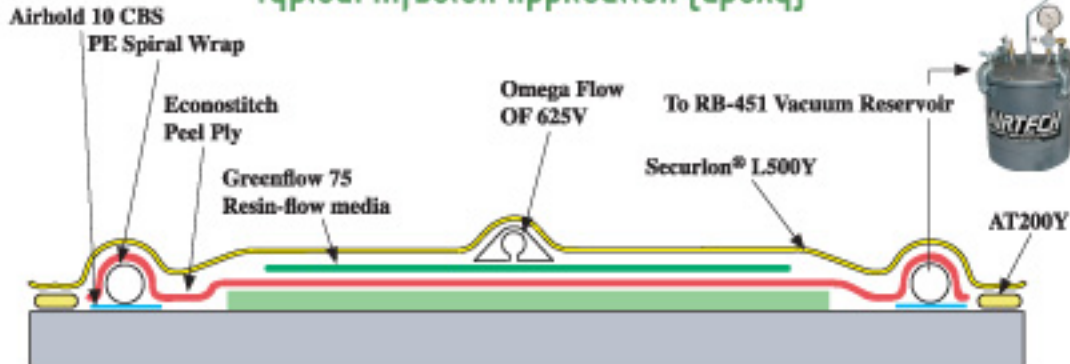
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COMMON PRODUCT SELECTIONS FOR WIND ENERGY APPLICATIONS

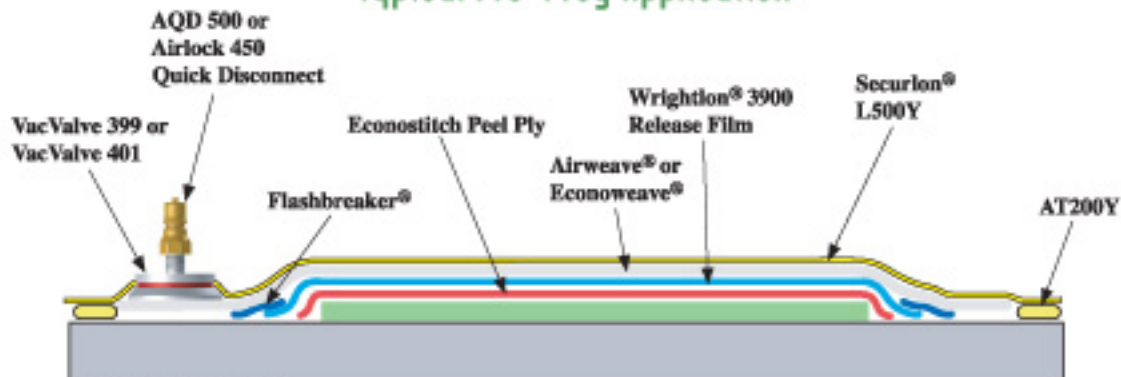
Typical Infusion Application (Polyester)



Typical Infusion Application (Epoxy)



Typical Pre-Preg Application



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ABOUT OUR COMPANIES

AIRTECH, the largest manufacturer of vacuum bagging and composite tooling materials, has been family owned and operated since 1973. We specialize in windpower, marine, automotive, recreational, aircraft and general FRP composites. Our state-of-the-art facilities are strategically placed worldwide. All of our facilities offer technical assistance and are ready to meet your composite production challenges.



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OPENING IN APRIL 2008

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