AIRTECH
EUROPE Sarl

Vacuum Bagging Materials for Glass Lamination

Spring 2020

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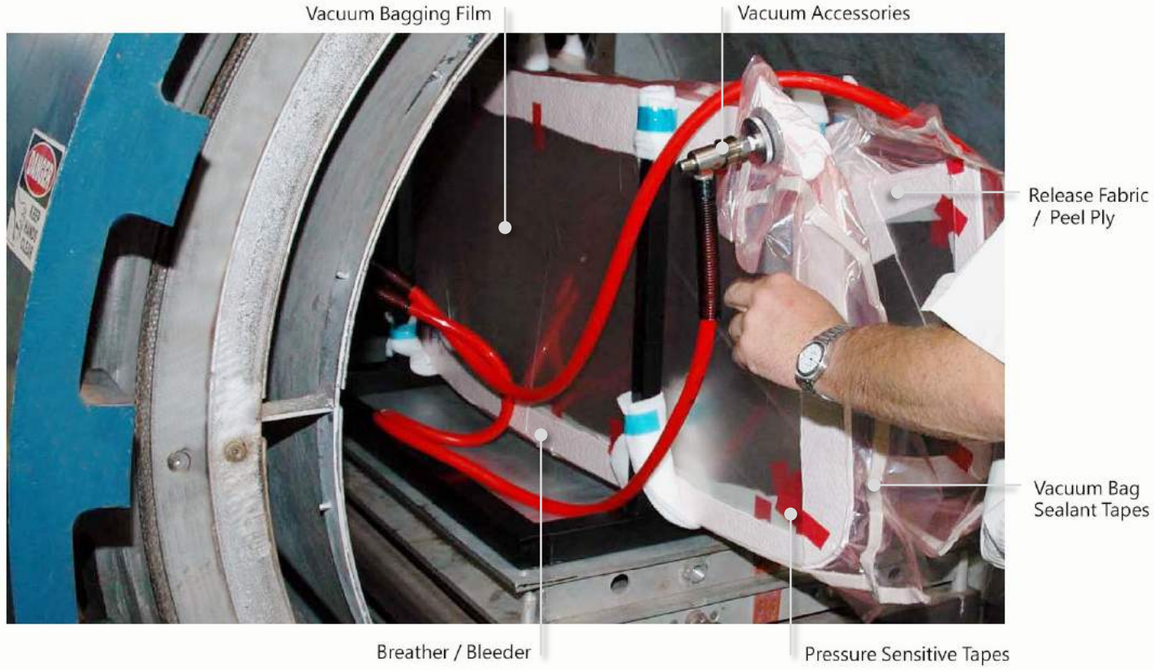
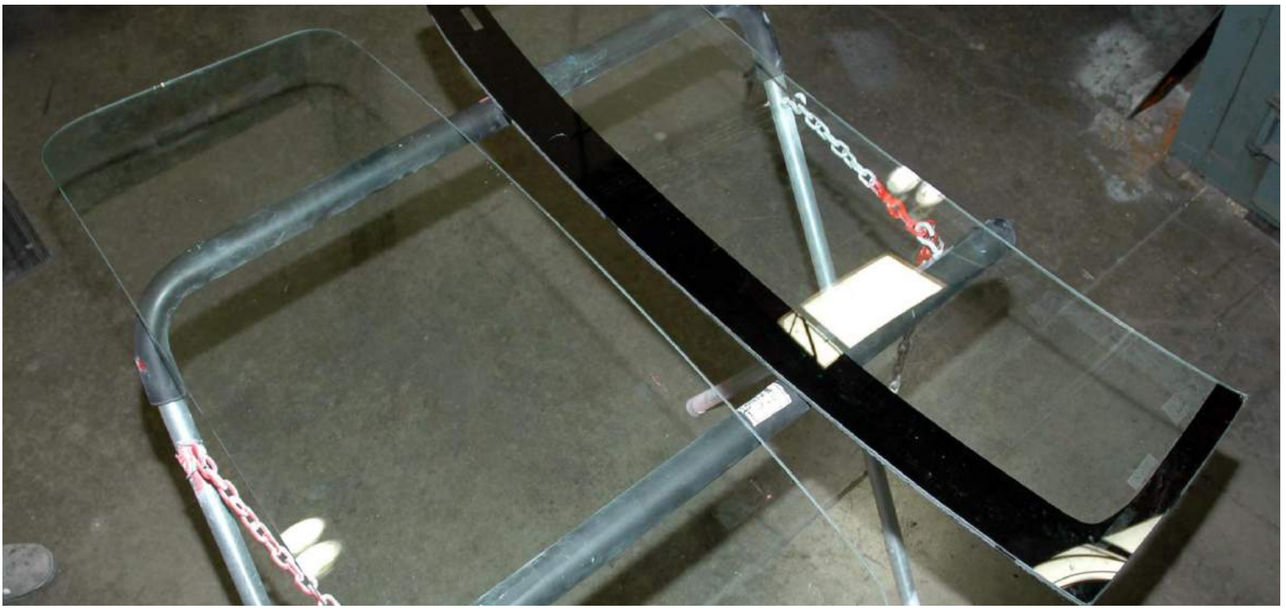
Welcome





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Vacuum Bagging & Composite Tooling Materials

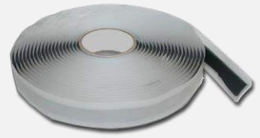
What's New for Glass Lamination in Spring 2020

Latest product news from Airtech Europe

Econostitch®

Release fabric / peel ply

Econostitch® is a heat set and scoured nylon peel ply with red tracers which make this peel ply more visible before and after a cure, reducing the possibility of the peel ply being left on the part.
Slit width sizes are available but may be subject to minimum order quantity and lead time, please contact for details.



Airseal 2T

Vacuum bag sealant tape

Airseal 2T is a cost effective vacuum bag sealant tape for room and medium temperature applications. Airseal 2T has excellent tack, firm feel, good clean-up and long shelf life.

Airseal 2 Tacky has superior tack for colder environments.

EconoTape 1

Low cost tape

EconoTape 1 is an inexpensive, multipurpose, silicone based adhesive, pressure sensitive tape. This tape can be used for holding down vacuum bagging materials, thermocouples, and other lay-up items.

EconoTape 1 can be used for room temperature to 177°C applications.

Flashbreaker® 1

Cut strips with pull tab

Flashbreaker® tapes are high strength polyester films coated with a silicone adhesive.

Now available as precision cut strips of tape on a liner, available 1" x 2". Flashbreaker®1 is on poly liner with "pull-tabs".

GlasTech N10RPF

Breather/ Release fabric Combo-Tech

Combo-Tech technology from Airtech combines materials for great labour savings during layup process.

GlasTech N10RPF combines heavy weight Airweave® N10 breather with the high strength Release Ply F.

GlasTech N4ES

Breather/ Release fabric Combo-Tech

GlasTech N4ES combines Airweave® N4 breather with the Econostitch® release fabric using Combo-Tech technology from Airtech.

Combination of products are applied in one operation as opposed to applying one layer at a time.

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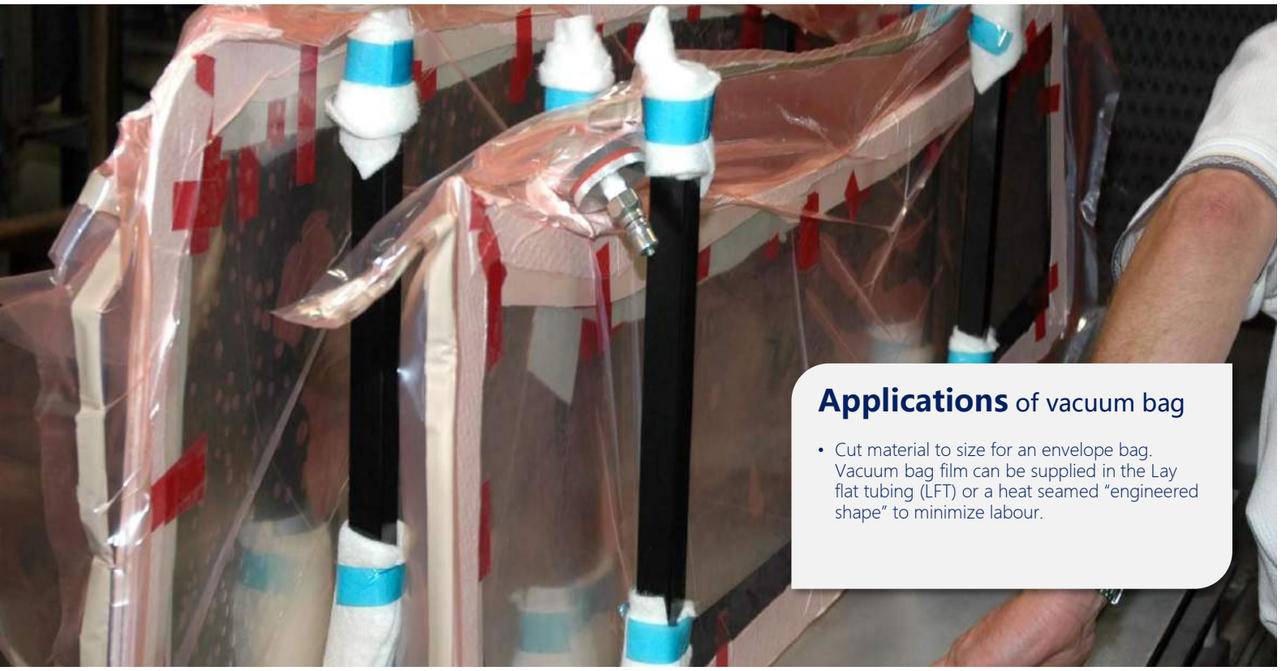
Vacuum bagging films

Airtech manufactured vacuum bag films made for glass lamination

Applications of vacuum bag

- Curing of shatterproof PBV film between dual layer Automotive Glass.
- The vacuum bag has the ability to evenly apply pressure by conforming to complex shapes.



Applications of vacuum bag

- Cut material to size for an envelope bag. Vacuum bag film can be supplied in the Lay flat tubing (LFT) or a heat seamed "engineered shape" to minimize labour.

Wrightlon® 7400 - 0,002" Lay-Flat Tubing

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	400%	55 MPa	0,002" x 36" LFT x 1000ft	50 µm x 914mm LFT x 304m
			0,002" x 48" LFT x 1000ft	50 µm x 1,22m LFT x 304m
			0,002" x 54" LFT x 1000ft	50 µm x 1,37m LFT x 304m
			0,002" x 60" LFT x 1000ft	50 µm x 1,52m LFT x 304m
			0,002" x 72" LFT x 750ft	50 µm x 1,83m LFT x 228m
			0,002" x 80" LFT x 750ft	50 µm x 2,03m LFT x 228m
			0,002" x 90" LFT x 750ft	50 µm x 2,28m LFT x 228m
			0,002" x 120" LFT x 500ft	50 µm x 3,05m LFT x 152m
			0,002" x 140" LFT x 500ft	50 µm x 3,56m LFT x 152m

Description

Wrightlon® 7400 is a high temperature nylon film with high elongation which is suitable for laminating processes up to 204°C. Wrightlon® 7400 has been a reliable, economic choice for the glass industry consistently since its introduction.

Wrightlon® 7400 - 0,003" Lay-Flat Tubing

Industry Standard

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	400%	55 MPa	0,003" x 36" LFT x 750ft	75 µm x 914mm LFT x 228m
			0,003" x 48" LFT x 750ft	75 µm x 1,22m LFT x 228m
			0,003" x 54" LFT x 750ft	75 µm x 1,37m LFT x 228m
			0,003" x 60" LFT x 600ft	75 µm x 1,52m LFT x 182m
			0,003" x 72" LFT x 500ft	75 µm x 1,83m LFT x 152m
			0,003" x 80" LFT x 500ft	75 µm x 2,03m LFT x 152m
			0,003" x 90" LFT x 500ft	75 µm x 2,28m LFT x 152m
			0,003" x 120" LFT x 500ft	75 µm x 3,05m LFT x 152m
			0,003" x 140" LFT x 500ft	75 µm x 3,56m LFT x 152m

Description

Wrightlon® 7400 is a high temperature nylon film with high elongation which is suitable for laminating processes up to 204°C. Wrightlon® 7400 has been a reliable, economic choice for the glass industry consistently since its introduction. The thicker 0,003" grade provides more strength and robustness.

Ipplon® KM1300 - 0,003" Lay-Flat Tubing

Moisture-Lok for Softness

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
212°C	450%	48 MPa	0,003" x 48" LFT x 750ft	75 µm x 1,22m LFT x 228m
			0,003" x 60" CF x 500ft	75 µm x 1,52m LFT x 152m
			0,003" x 72" LFT x 500ft	75 µm x 1,83m LFT x 152m
			0,003" x 80" LFT x 500ft	75 µm x 2,03m LFT x 152m
			0,003" x 90" LFT x 500ft	75 µm x 2,28m LFT x 152m
			0,003" x 120" LFT x 400ft	75 µm x 3,05m LFT x 122m
			0,003" x 140" LFT x 335ft	75 µm x 3,56m LFT x 102m

Description

Ipplon® KM1300 vacuum bagging film has Moisture-Lok for better softness, greater elongation and is suitable for laminating temperatures up to 212°C.

- Other products are available, please visit www.airtech.lu for full product selection.
- Other sizes and forms (eg. Centerfold CF, Sheeting SHT) are available please contact your Airtech customer service representative for complete details.

*SHT=Sheeting

CF=Centerfold

LFT=Lay-Flat Tubing

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Breather & Bleeder

Non-woven fabrics for edge protection

Airweave® N4

Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	140 g/m²		
Description			3" x 109 yards	75mm x 100m
			4" x 109 yards	100mm x 100m
			6" x 109 yards	150mm x 100m
			60" x 109 yards	1,52m x 100m

Airweave® N4 is a light weight breather that provides good edge protection. It can be supplied in 1,52m wide master rolls or in slit widths.
Note: Slit widths can be supplied subject to a minimum order equivalent to one full master roll.

Airweave® N10

Workshop Essential

Maximum Use Temperature	Fibre Type	Weight	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	339 g/m²		
Description			3" x 55 yards	75mm x 50m
			4" x 55 yards	100mm x 50m
			6" x 55 yards	150mm x 50m
			60" x 55 yards	1,52m x 50m

Airweave® N10 is a heavy weight breather that provides excellent edge protection and vacuum distribution. Its heavier construction will protect glass edges and vacuum bag films from damage on sharp edges. It can be supplied in 1,52m wide master rolls or in slit widths.
Note: Slit widths can be supplied subject to a minimum order equivalent to one full master roll.

Airstrip PM

Maximum Use Temperature	Fibre Type	Inner	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	Metal mesh		
Description			2" x 33 yards	50mm x 30,5m

Airstrip PM is a reusable edge breather made with Release Ply Super F and reinforced with a metal mesh that conducts airflow at pressures exceeding 14 bars. Airstrip PM will operate continuously up to 204°C.

Benefits of breather

- Breather around edge perimeter aids in air removal by vacuum.
- Conform over shaped parts, saving time during vacuum bagging.
- Airtech has the largest range of breathers and bleeders developed for a wide range of applications at the most competitive price points.

Airweave® N10 breather layer is applied over the release fabric

Release fabrics & Peel ply

Fabrics to absorb excess adhesive

Econostitch®

Low Cost Fabric

Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
190°C	Nylon	88 g/m²	White / Red Tracer		
Description				2" x 218 yards	50mm x 200m
				4" x 100 yards	100mm x 91m
				6" x 100 yards	150mm x 91m
				60" x 100 yards	1,52m x 91m
				60" x 300 yards	1,52m x 274m

Econostitch® is a clean, good quality, economical nylon peel ply with red tracers which make this peel ply more visible. Our Econo peel plies are designed to absorb excess adhesive and remove cleanly after laminating.
Note: Slit width sizes are available but may be subject to minimum order quantity and lead time, please contact for details.

Econostitch® G

Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
190°C	Polyester	85 g/m²	White / Black Tracer		
Description				2" x 218 yards	50mm x 200m
				4" x 218 yards	100mm x 200m
				6" x 218 yards	150mm x 200m
				71" x 218 yards	1,80m x 200m

Econostitch® G is a clean, good quality, economical polyester peel ply. It has black tracers with high visibility. Econostitch® G will absorb excess adhesive and remove cleanly after laminating.
Note: Slit width sizes are available but may be subject to minimum order quantity and lead time, please contact for details.

Econolease

Maximum Use Temperature	Fibre Type	Thickness	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Nylon	61 g/m²	Light blue		
Description				60" x 100 yards	1,52m x 91m

Econolease is a silicone treated nylon peel ply which can be removed much more easily after laminating. Econolease will absorb excess adhesive and remove cleanly after laminating.

Release Ply F

Workshop Essential

Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	95 g/m²	White		
Description				2" x 218 yards	50mm x 200m
				4" x 218 yards	100mm x 200m
				6" x 218 yards	150mm x 200m
				60" x 218 yards	1,52m x 200m

Release Ply F provides superior strength. Release Ply F is a polyester peel ply, that will absorb excess resin, protect edges and remove cleanly after laminating. The fabric is scoured and heat set to remove contaminates and reduce shrinkage.
Note: Slit width sizes are available but may be subject to minimum order quantity and lead time, please contact for details.

Econolease fabric being hand cut to cover the periphery of the glass edge.

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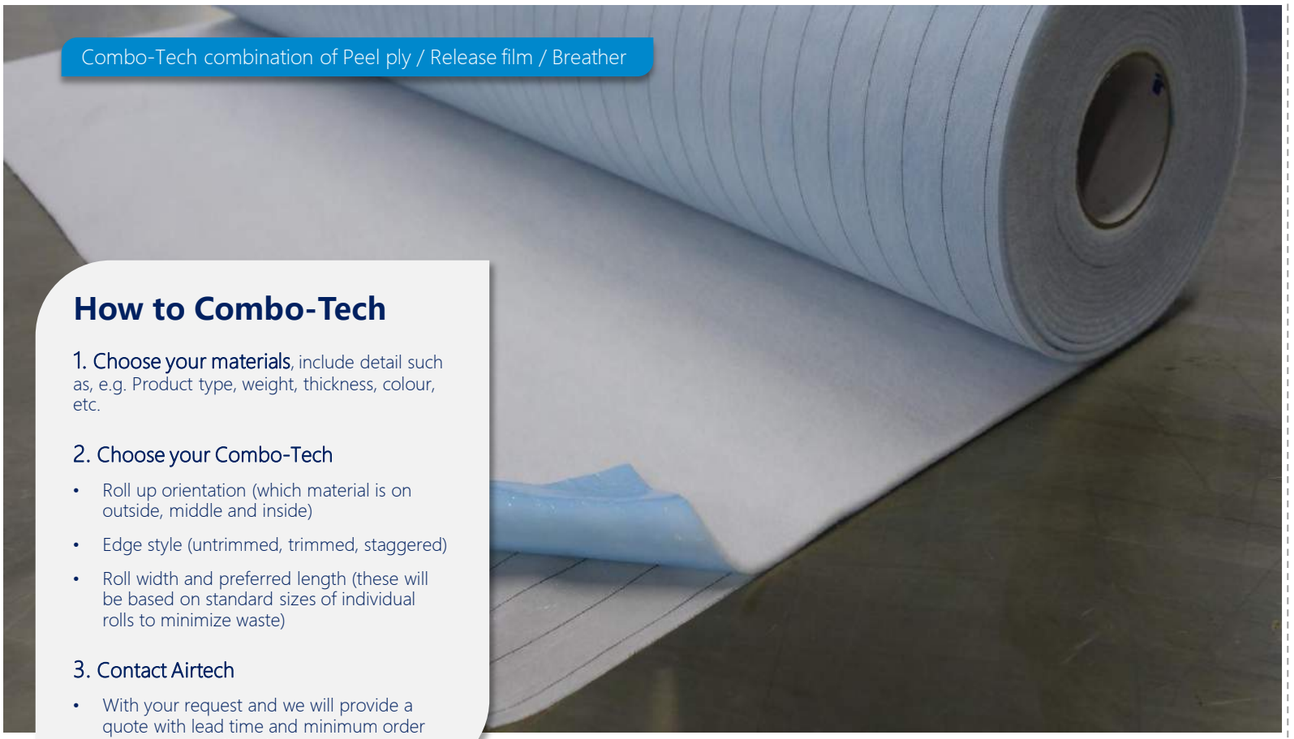
Combo-Tech

Combination materials for glass lamination applications



Combo-Tech combination of Peel ply / Release film / Breather

How to Combo-Tech

1. Choose your materials, include detail such as, e.g. Product type, weight, thickness, colour, etc.

2. Choose your Combo-Tech

- Roll up orientation (which material is on outside, middle and inside)
- Edge style (untrimmed, trimmed, staggered)
- Roll width and preferred length (these will be based on standard sizes of individual rolls to minimize waste)

3. Contact Airtech

- With your request and we will provide a quote with lead time and minimum order quantity that will apply.

Benefits of Combo-Tech

- 50% reduction in time to lay-up by applying one layer instead of two
  - Reduce touch labour
  - Reduce cycle times
- Reduce material cost
  - Less waste
  - Less packaging
- Improve quality
  - Reduce cost of rework
  - Reduce cost of scrap.

GlasTech N10RPF

Industry Standard Combination

Maximum Use Temperature	Breather Type	Release Type	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Airweave® N10	Release Ply F		
Description			3" x 50 yards	75mm x 45m
GlasTech N10RPF combines heavy weight Airweave® N10 breather with the high strength Release Ply F. Great labour savings can be achieved by having combination of products applied in one operation as opposed to applying one layer at a time.			4" x 50 yards	100mm x 45m
			6" x 50 yards	150mm x 45m
			60" x 50 yards	1,52m x 45m

GlasTech N4RPF

Maximum Use Temperature	Breather Type	Release Type	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Airweave® N4	Release Ply F		
Description			3" x 50 yards	75mm x 45m
GlasTech N4RPF combines light weight, economical Airweave® N4 breather with the high strength Release Ply F using Combo-Tech technology from Airtech. Great labour savings and cycle time reductions can be achieved by having combination of products applied in one operation as opposed to applying one layer at a time.			4" x 50 yards	100mm x 45m
			6" x 50 yards	150mm x 45m
			60" x 50 yards	1,52m x 45m

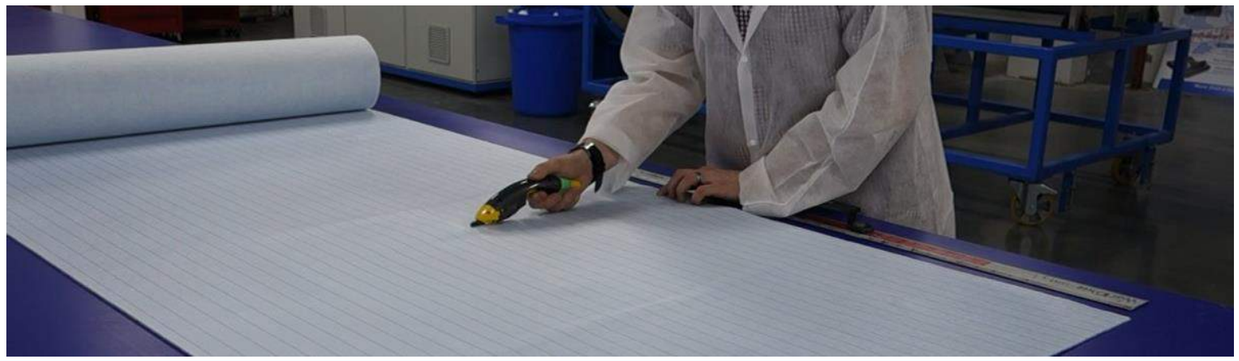
GlasTech N10ES

Maximum Use Temperature	Breather Type	Release Type	Roll Sizes (Inches)	Roll Sizes (Metric)
190°C	Airweave® N10	Econostitch®		
Description			3" x 50 yards	75mm x 45m
GlasTech N10ES combines heavyweight Airweave® N10 breather with the economical Econostitch® release fabric. Great labour savings can be achieved by having combination of products applied in one operation as opposed to applying one layer at a time.			4" x 50 yards	100mm x 45m
			6" x 50 yards	150mm x 45m
			60" x 50 yards	1,52m x 45m

GlasTech N4ES

Low Cost Combination

Maximum Use Temperature	Breather Type	Release Type	Roll Sizes (Inches)	Roll Sizes (Metric)
190°C	Airweave® N4	Econostitch®		
Description			3" x 50 yards	75mm x 45m
GlasTech N4ES combines Airweave® N4 breather with the Econostitch® release fabric using Combo-Tech technology from Airtech. This low cost edge protector also provides great labour savings and reduction in cycle time can be achieved by having combination of products applied in one operation as opposed to applying one layer at a time.			4" x 50 yards	100mm x 45m
			6" x 50 yards	150mm x 45m
			60" x 50 yards	1,52m x 45m



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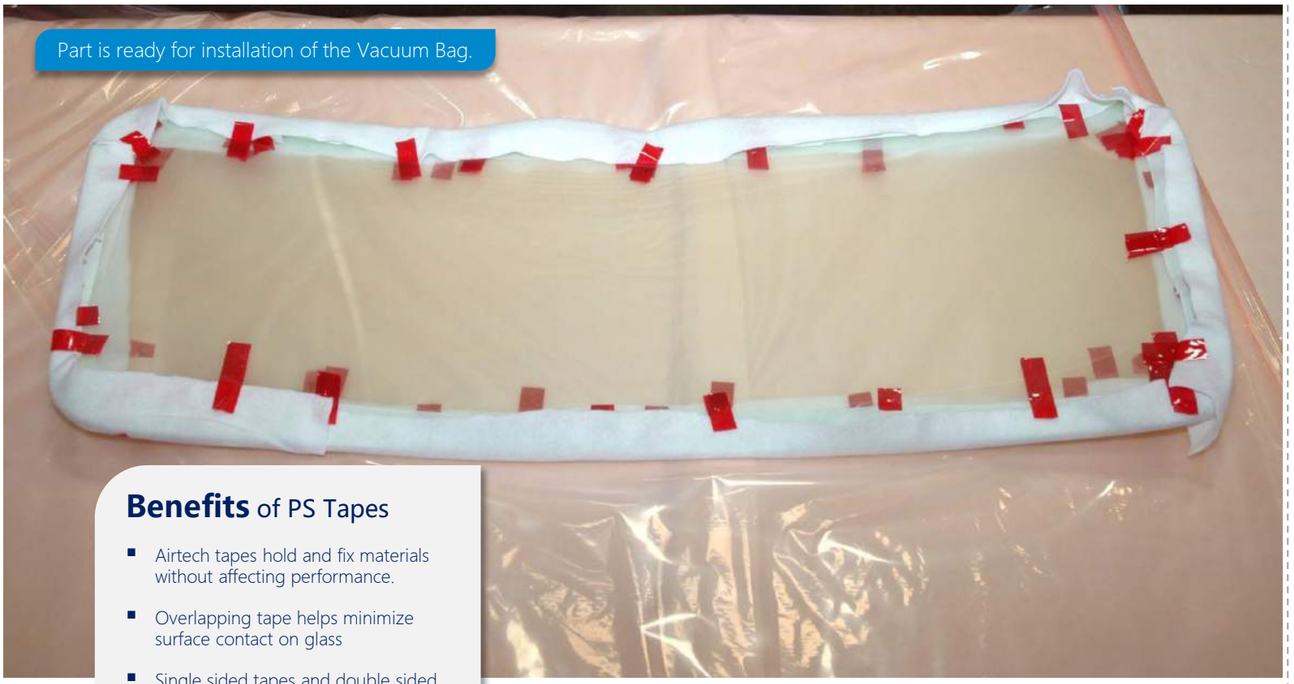
Pressure sensitive tapes

Tapes for holding, fixing, masking, releasing and protecting



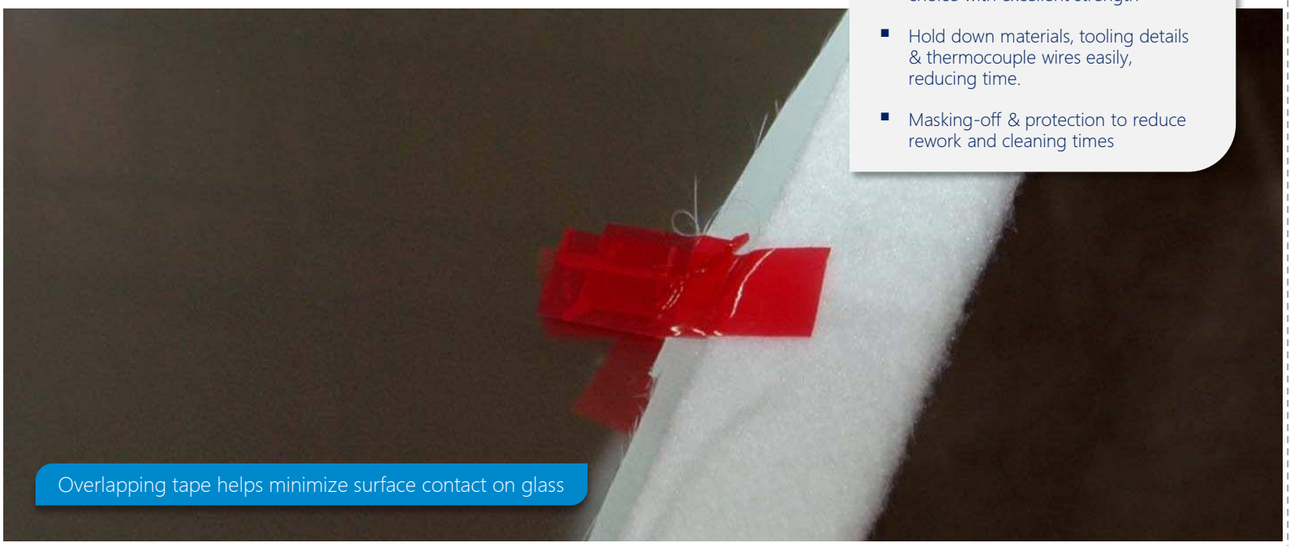
Part is ready for installation of the Vacuum Bag.

Benefits of PS Tapes

- Airtech tapes hold and fix materials without affecting performance.
- Overlapping tape helps minimize surface contact on glass
- Single sided tapes and double sided tapes provide options for holding materials on the tool and on each other.

Benefits of PS Tapes

- Polyester tapes are an economical choice with excellent strength
- Hold down materials, tooling details & thermocouple wires easily, reducing time.
- Masking-off & protection to reduce rework and cleaning times



Overlapping tape helps minimize surface contact on glass

EconoTape 1

Low Cost Tape

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
177°C	Polyester	Silicone	Green		
Description				1" x 72 yards	25mm x 66m
				2" x 72 yards	50mm x 66m

EconoTape 1 is an inexpensive, multipurpose, silicone based adhesive, pressure sensitive tape. This tape can be used for holding down vacuum bagging materials, thermocouples, and other lay-up items. EconoTape 1 can be used for room temperature to 177°C applications.

Flashbreaker® 1

Industry Standard

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	Silicone	Blue / Orange		
Description				1" x 72 yards	25mm x 66m
				2" x 72 yards	50mm x 66m

Flashbreaker® tapes are high strength polyester films coated with a silicone adhesive for cures up to 204°C. Flashbreaker® pressure sensitive tapes are used for multi-purpose functions such as holding down vacuum bagging materials. Flashbreaker® tapes remove easily after cure.

Flashbreaker® 1 - Cut strips with pull tab

Big Time Saver

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	Silicone	Blue / Orange		
Description				1" x 72 yards	25mm x 66m
				2" x 72 yards	50mm x 66m

Precision cut strips of tape on a liner, available 1" x 2". Flashbreaker®1 is on poly liner with "pull-tabs".

Flashbreaker® 2R (HT)

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	High tack rubber	Red		
Description				1" x 36 yards	25mm x 33m
				2" x 36 yards	50mm x 33m

Flashbreaker® 2R (HT) is a polyester pressure sensitive tape coated with a high tack, non-silicone adhesive. This tape holds down vacuum bagging materials and thermocouple wires on metal or composite parts and tooling. Flashbreaker® 2R (HT) is a superior tape for holding down non-woven breather materials. Flashbreaker® 2R (HT) has high temperature capabilities, making it a good choice for oven or autoclave cures to 204°C.

- Other products are available, please visit www.airtech.lu for full product selection.
- Other sizes are available on special order, please contact your Airtech customer service representative for complete details.

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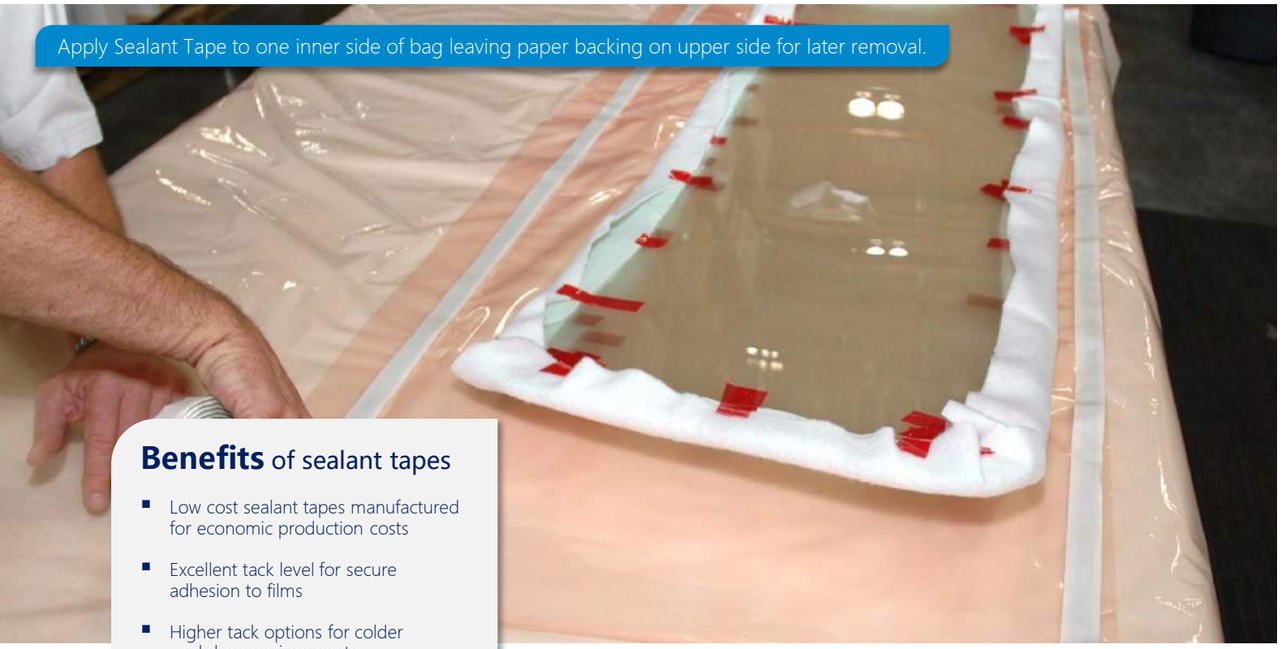
Vacuum bag sealant tapes

Tapes for airtight sealing of vacuum bags



Apply Sealant Tape to one inner side of bag leaving paper backing on upper side for later removal.

Benefits of sealant tapes

- Low cost sealant tapes manufactured for economic production costs
- Excellent tack level for secure adhesion to films
- Higher tack options for colder workshop environments.

Benefits of sealant tapes

- Larger roll sizes better suited to large bag constructions.
- Airtech tapes are developed for vacuum bagging processes

AS1

New Low Cost Tape

Maximum Use Temperature	Colour	Base Material	Tack Level	Roll Sizes
120°C	Black	Synthetic rubber	Good tack	
Description				3mm x 12mm x 15m

AS1 is an economical multi-purpose sealant tape with high tack. Suitable for laminating applications up to 120°C.

Airseal 2T

Workshop Essential

Maximum Use Temperature	Colour	Base Material	Tack Level	Roll Sizes
180°C bag to bag	Black	Synthetic rubber	High tack	
Description				3mm x 12mm x 15m 3mm x 9mm x 15m 2mm x 10mm x 20m 2mm x 7mm x 20m

Airseal 2T is a cost effective vacuum bag sealant tape for room and medium temperature applications. Airseal 2T has excellent tack, firm feel, good clean-up and long shelf life. Airseal 2 Tacky has superior tack for colder environments.

Airseal 2T Bead

Maximum Use Temperature	Colour	Base Material	Tack Level	Roll Sizes
180°C bag to bag	Black	Synthetic rubber	High tack	
Description				Ø 4mm bead x 7,5m

Airseal 2T Bead is a cost effective vacuum bag sealant tape for room and medium temperature applications. Airseal 2T Bead has excellent tack and long shelf life. Airseal 2T Bead has superior tack for colder environments.

AT-200Y

Industry Standard Tape

Maximum Use Temperature	Colour	Base Material	Tack Level	Roll Sizes
204°C	Yellow	Synthetic rubber	High tack	
Description				3mm x 12mm x 7,6m

AT-200Y is an economical multi-purpose sealant tape with high tack. It is suitable for laminating applications up to 204°C.

GS-213

Maximum Use Temperature	Colour	Base Material	Tack Level	Roll Sizes
204°C	Off-white	Synthetic rubber	Good tack	
Description				3mm x 12mm x 7,6m 3mm x 19mm x 7,6m

GS-213 has excellent tack and is usable up to 204°C. GS213 has a long proven track record of reliable performance for laminating applications and is one of the easiest tapes to use for vacuum bag applications.

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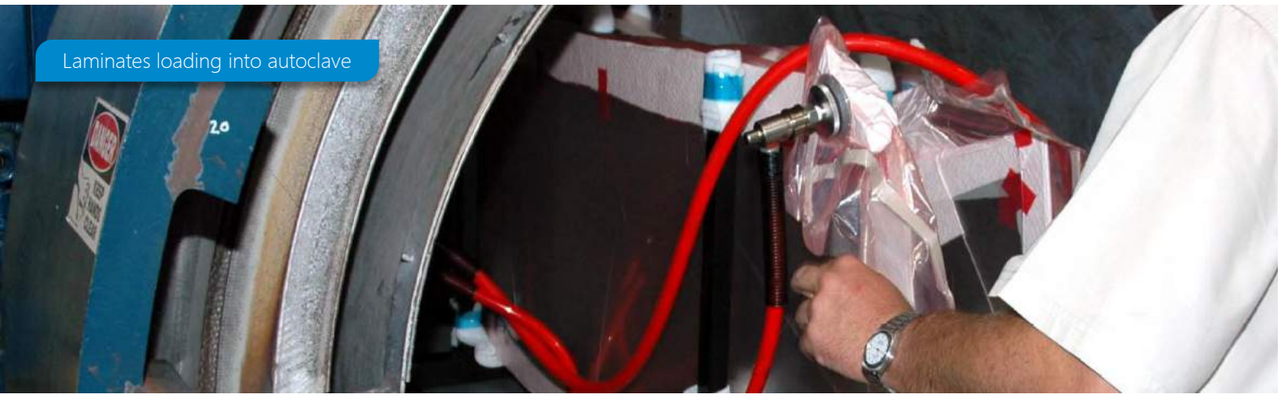
Vacuum accessories

For workshop, oven & autoclave



Laminates loading into autoclave

Vac Valve 401C

Maximum Use Temperature	Material	Size
260°C	Cast aluminium	Ø 63 mm Base Diameter 1/4" Male NPT
Description		

Vac Valve 401 series is a twist lock through bag connector designed to work with our AQD 500TF quick disconnects. In combination with our AQD 500 quick disconnects, these vac valves have been used successfully at major aircraft companies holding full vacuum and pressure up to 15 bars at temperatures up to 260°C.

Premium Multi-Valve 407

Leak Free Longest Life

Maximum Use Temperature	Material	Size
260°C	Stainless steel	Ø 60 mm Base Diameter 1/4 inch
Description		

The solid body design of the Premium Multi-Valve 407 combines the male quick disconnect and thru-bag connector, eliminating threaded connections and potential leak paths. Robust stainless steel construction ensures corrosion resistance and long life. High temperature O-ring and platinum cured silicone gasket give a long service. It is fully compatible with ¼" ISO-B "Hansen" style quick-disconnects. The valve mechanism and O-ring seals can easily be replaced to extend life.

Vac Valve 509

Best Low Cost Option

Maximum Use Temperature	Material	Size
260°C	Aluminium base plate & carbon steel top piece	1/4 inch NPT
Description		

Vac Valve 509 is a 2 piece vacuum valves which perforate the bagging film when the top piece is inserted and threaded into the base plate. The specific design of the threaded connection eliminates the need to cut the bagging film prior to inserting the top piece.

AQD 500TF - Quick Disconnect Plugs & Sockets

Clean Room Essential

Maximum Use Temperature	Material	Size
260°C	Carbon steel	1/4 inch NPT
Description		

The AQD 500TF quick disconnect couplings are made of high carbon steel that have been plated to halt oxidation. The couplings have internal valves so when disconnected the airflow is shut off in both plug and socket. This means your vacuum bag holds vacuum even after the vacuum hose has been disconnected.

Airflow 60R

Clean Room Essential

Maximum Use Temperature	Material	Thread Size	Hose Length
232°C	Silicone rubber / steel	1/4 inch male NPT	Up to 10m (33 feet)
Description			

Airflow 60R can be used as an autoclave or oven hose. The outer ply is silicone rubber over a flexible steel spiral. There are no wire braids to puncture the rubber jacket or the vacuum bag. The hose is supported by a flexible stainless steel spiral that prevents collapse under autoclave pressure. The bell shaped ferrule prevents hose lacerations at fitting ends extending hose life. Due to its unique construction Airflow 60R hose has the advantage that is easy to repair by replacing the damaged parts like the end fittings. For more information about Airflow 60R repair kit please contact your Airtech sales representative.

Airflow 65R

Best All-Rounder

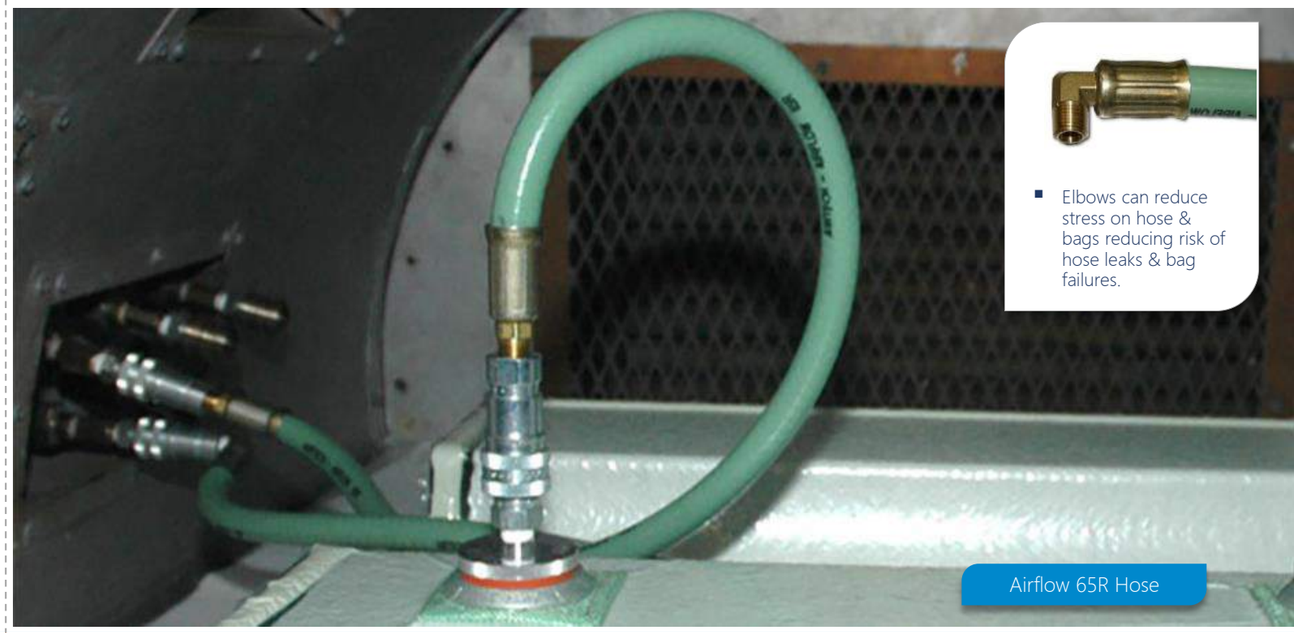
Maximum Use Temperature	Material	Thread Size	Hose Length
232°C	Silicone rubber / Interlocking steel tube	1/4 inch male NPT	Up to 30m (100 feet)
Description			

Airflow 65R can be used as an autoclave or oven hose. The outer ply is silicone rubber that encases a flexible steel tube that prevents collapse and hose separation. The bell-shaped ferrule helps prevent hose lacerations at fitting ends extending hose life.
Note: Can be supplied assembled with AQD500 sockets, or either straight or elbow fittings.

Airflow 100R

Maximum Use Temperature	Material	Thread Size	Hose Length
260°C	Silicone rubber / steel	1/4 inch male NPT	Up to 30m (100 feet)
Description			

Airflow 100R is a durable high temperature and high pressure autoclave hose with the addition of a silicone rubber outer protective sleeve. The hose construction consists of a braided steel outer covering a PTFE inner tube supported with a flexible steel spring conduit. Its unique design prevents collapse from vacuum or autoclave pressures.



- Elbows can reduce stress on hose & bags reducing risk of hose leaks & bag failures.

Airflow 65R Hose

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Vacuum accessories

For workshop, oven & autoclave

Vac Gauge 30

Low Cost Gauge

Assembly Style	Range	Screw Thread
Screwed	0 - 30 in. Hg (0 - 100 KPa)	1/4 inch male NPT

Description

Vac-Gauge 30 is our durable, inexpensive vacuum gauge to determine how much vacuum is under your vacuum bag. A heavy ridged blue rubber jacket protects the gauge from damage in normal shop use. The Vac-Gauge 30 stem is a 1/4 inch male NPT fitting that fits easily into our Airlock 450TF & 550TF and AQD quick disconnects.

Vac Gauge 40D

Assembly Style	Range	Screw Thread
Screwed	0 - 30 in. Hg (0 - 100 KPa)	1/4 inch male NPT

Description

Vac-Gauge 40D is a versatile digital vacuum gauge used for leak detection and vacuum determinations under your vacuum bag. The gauge offers vacuum readings in four selectable units: mBar, mmHg, inHg, and KPa. A heavy duty rubber jacket protects the gauge from damage in normal shop use. The Vac-Gauge 40D connection stem is a 1/4-18 inch NPT thread fitting that fits easily into our Airlock 450TF & 550TF and AQD quick disconnects.

Vac Saver HT - One way check valve

Service Temperature	Material Type	Material Type Seals	Screw Thread
200°C	Anodized aluminium	Fluorocarbon	1/4 inch male NPT

Description

Vac Saver HT is a one way check valve used to protect vacuum bagged parts against vacuum loss. Vac Saver HT protects against back pressure when multiple lines are connected to a single vacuum source. In case of a vacuum loss in a part which is connected to the same vacuum source, the Vac Saver HT closes automatically and protects parts against vacuum loss. Vac Saver HT can be used in combination with our quick disconnectors like AQD 500TF, Airlock 450TF or 550TF and our Airflow vacuum hoses.

VacLeak LEQ-70 - Ultra-sonic leak detector

Frequency Response	Equipment Components	Display
38-42 kHz	Receiver, headphones, hollow probe and carrying case	Ten element bar graph

Description

The latest VacLeak LEQ-70 Series 3 is a compact economical vacuum leak detector for finding leaks in vacuum bags, sealant tapes, hoses and fittings. The VacLeak LEQ-70 Series 3 has improved circuitry for 20% more sensitivity to convert the ultrasonic sound produced by leaks to an audible level and also visually display the leak on an LED meter. With clearer sound detect leaks faster than ever before.

Shop Shears

Cuts Glass, Carbon & Aramid

Description	Type	Product Reference	Length	Weight
Shop shears are lightweight and stronger than most all metal shears. The Shop shears have larger handles to reduce stress and thicker blades for heavy duty cutting. Shop shears are one of the hardest and smoothest cutting shears available, with approx. 60 HRC, hardened throughout.	Straight shears	SS-7205-8	20 cm / 8"	150 g
	Straight shears	SS-7230-9	23 cm / 9"	170 g
	Straight shears	SS-7250-10	25 cm / 10"	210 g
	Straight shears	SS-7280-11	28 cm / 11"	248 g
	Straight shears	SS-7300-12	31 cm / 12"	306 g

Electric Cordless Scissors

Type	Length	Weight	Voltage	Set Components	Purpose
Electric Shears	18,5 cm	220 g	110 v / 220 v	Scissors body	
				All purpose short blades assembly	For accurate curve cutting
Description				Blades assembly with base plate	For stable straight cutting
				Transformer	
				Rechargeable battery	
				Battery charger	
				AC adapter	

The electric scissors are excellent for cutting any kind of films, light weight fabrics including fibreglass, carbon and aramid fabrics. Its ergonomic design and light weight make its use very easy and safe. The short rapid blade action allows intricate and precise cuts. Micro-serrated blades are made of tungsten carbide providing their extra long life. Not recommended for material over 2 mm thick due to short stroke. It operates on long-lasting rechargeable battery or AC.

Airsweep

Clean Room Essential

Description	Material	Product Reference	Colour	Length
Airsweep are laminating tools for positioning of vacuum bag materials into corner features and applying pressure to vacuum bag sealant tapes.	HDPE	Airsweep	White	10cm
	UHMW PE	Airsweep R2 (with handle)	White	11,5cm
	Nylon	Airsweep R3 (with handle)	Black	11,5cm

Vac Valve Pad A241 MFD & A22C

Thickness	Fibre Type	Sizes (Inches)	Sizes (Metric)
6,35 mm	Multi-layer fibreglass	2" x 2"	5,08 cm x 5,08 cm
Description		3" x 3"	7,62 cm x 7,62 cm
		4" x 4"	10,16 cm x 10,16 cm

A241MFD is a multi-layer fibreglass vac valve pad with a wire mesh to prevent airflow seal off. A22C vac valve pad is a multi-layer fibreglass construction to prevent seal off.

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Airtech customer service

Dedicated to the needs of our customers

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Delivering Short Lead Times >98% OTD

Customer Service
Team Contacts

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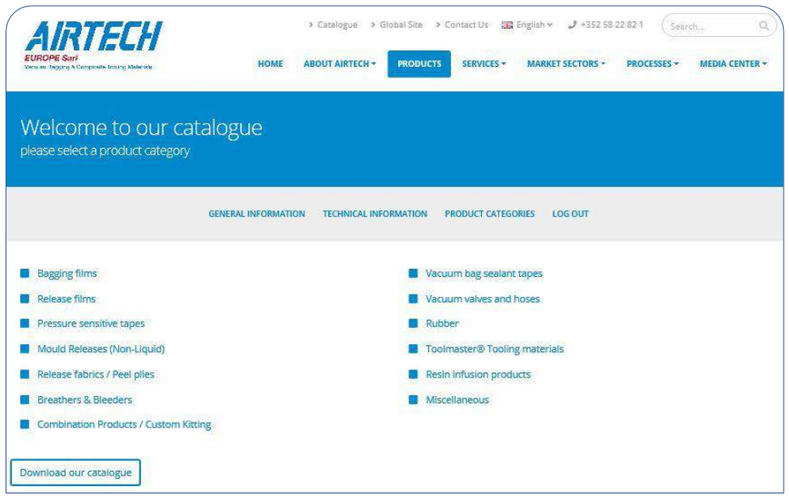
Continuous Improvement

Technical Support, Training Workshop & On-site Training Support

Quality System Accreditation



Online Catalogue with Technical Data Sheet & Safety Data Sheet to Download,
available in 6 languages.

Sample Service

Recyclable Packaging

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Need more Information, a Quote or a Sample ?

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About Airtech Europe

Differdange, Luxembourg

www.airtech.lu

- Airtech Europe is a division of Airtech Advanced Materials Group, the largest manufacturer of vacuum bagging and composite tooling materials for prepreg/autoclave, resin infusion, and wet lay-up processes up to 426°C . Our product line consists of: vacuum bagging films , release films, pressure sensitive tapes, mould releases (non-liquid), peel plies, breathers & bleeders, sealant tapes, vacuum bag connectors & hoses, rubber, pressure pads, cutting tools, vacuum leak detectors, shrink tape, PTFE coated fibreglass, tooling prepregs and resins, and carbon and glass reinforcements.
- Airtech Advanced Materials Group is family owned. We have six locations strategically placed worldwide: Huntington Beach, California, USA; Chino, California, USA; Springfield, Tennessee, USA; Differdange, Luxembourg; and Tianjin, China. All of our facilities offer technical assistance and are ready to meet your composite production challenges.
- Airtech Europe is EN 9100:2018, ISO 9001:2015 and ISO 14001:2015 certified.
- Thank you for your interest and feel free to contact us at any time.

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