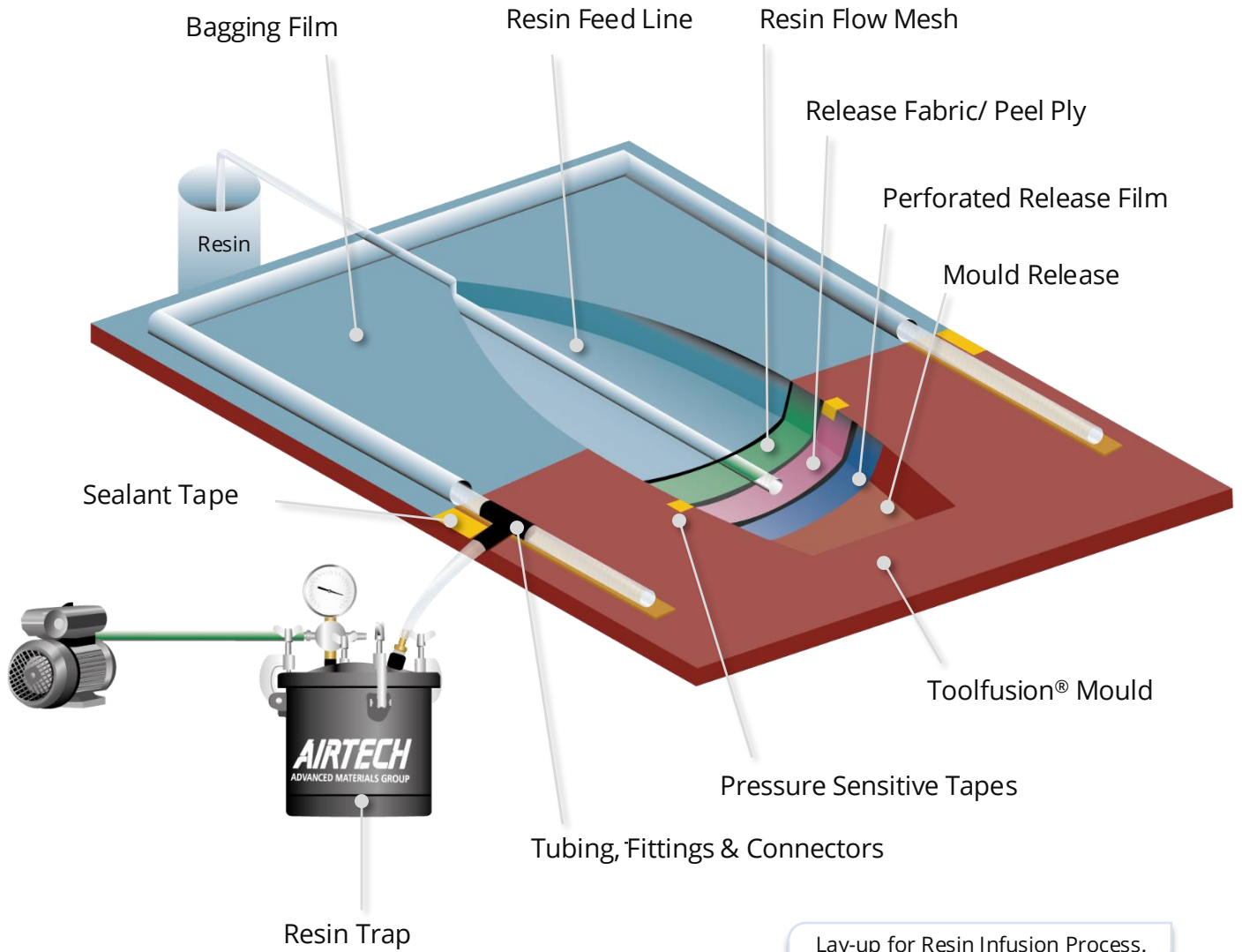


Resin Infusion

Vacuum Bagging Materials



Resin Infusion Essentials





Airtech Innovations



Flowlease Orange

Mesh / release fast infusion combo

Great labour savings can be achieved by having a combination of products that can be applied in one operation.

Flowlease Orange has high speed resin flow mesh and perforated release film developed specifically for infusion. Flowlease works well with polyester, vinyl ester and epoxy resins.



Flowlease Blue

Mesh / release medium infusion combo

Flowlease Blue has medium speed resin flow mesh and perforated release film developed specifically for infusion.

Flowlease works well with polyester, vinyl ester and epoxy resins.



Flowstrip 39

Lay flat resin feed line

Flowstrip 39 is a lay flat resin feed line for resin infusion molding. The construction comprises 3D mesh with high resin flow speed wrapped in a perforated release film sleeve which allows removal after resin curing. The lay flat mesh provides high contact area and high resin flow speed to deliver resin into the laminate during infusion.



Flowstrip 39MAX

Faster line fill

Flowstrip 39MAX includes a resin feed spiral tube on the 3D Mesh to provide even faster line fill speed to extend even resin flow over longer distances and maintain high resin flow speed into laminates being molded.



Flowstrip

Resin feeder

Flowstrip is a lay flat resin feed channel constructed with a high-speed 3D mesh inside a highly porous non-woven polyester sleeve.

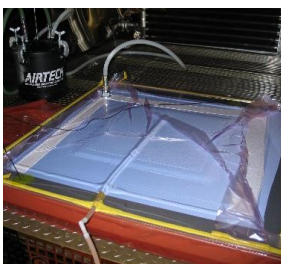
Flowstrip is an extremely efficient resin flow channel which is easy to position on infusion laminates and vacuum bag.



Dahlvac MB80

Vacuum channel for resin infusion

Dahlvac MB80 is an easy-to-use vacuum source designed for resin infusion. The product can easily be attached to the periphery of a mould using Airtac 2 LH spray adhesive or Airhold 10 CBS double backed tape.



Dahltexx® SP-2

Vacuum infusion process membrane

Dahltexx® SP-2 is an air permeable membrane which is used to aid the removal of air but still contain resin.



Airtac 3 MEGA

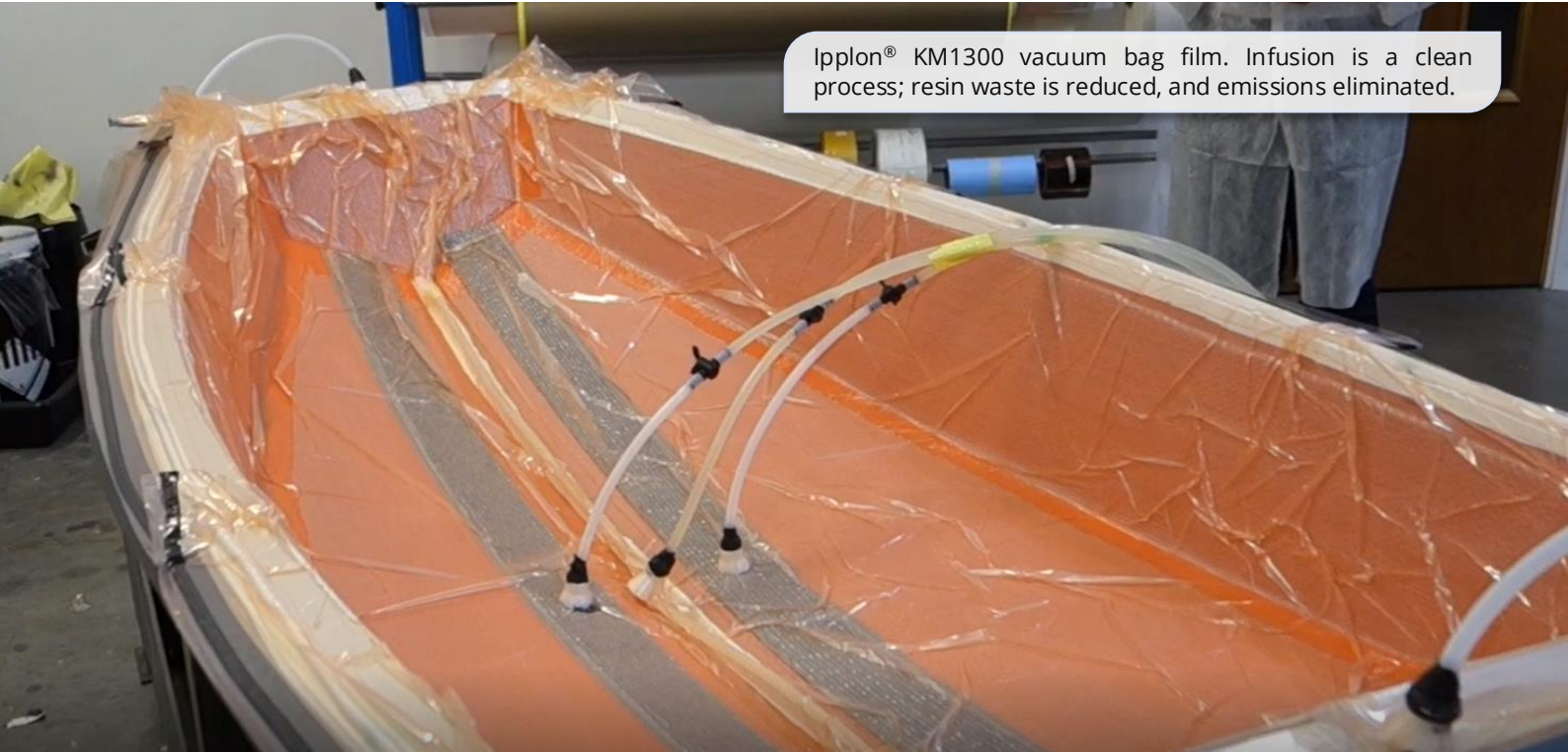
Airtac 2 LH+

Fix-It

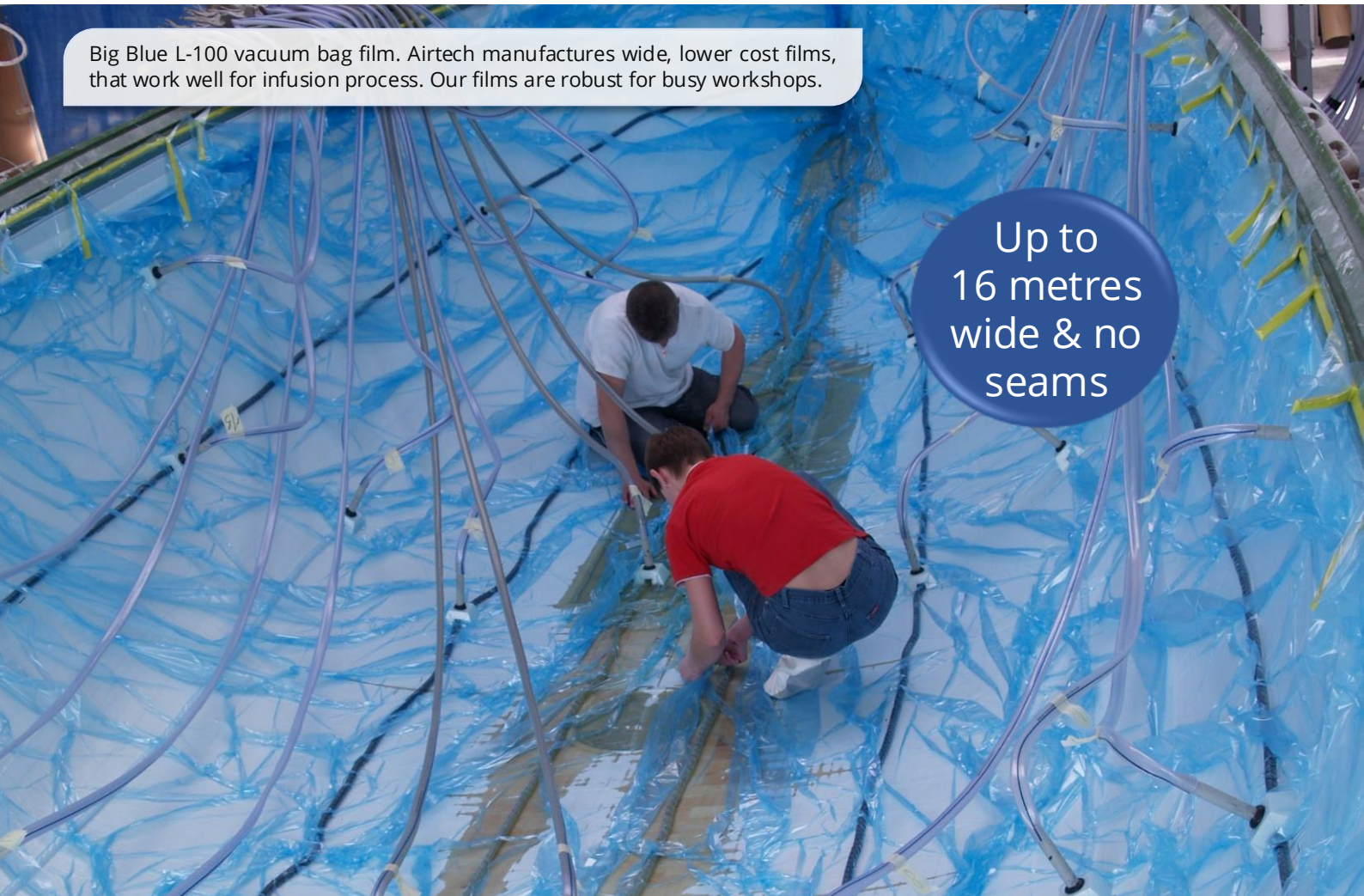
Spray adhesives

Airtac 3 MEGA is a spray adhesive, with very high tack. Airtac 2 LH+ is a high tack low hazard spray adhesive designed for temporary bonding. FIX-IT is a filament spray adhesive. The Airtech adhesive sprays can be used to hold a wide variety of dry materials.

Vacuum Bagging Films



Ipplon® KM1300 vacuum bag film. Infusion is a clean process; resin waste is reduced, and emissions eliminated.



Big Blue L-100 vacuum bag film. Airtech manufactures wide, lower cost films, that work well for infusion process. Our films are robust for busy workshops.

Up to
16 metres
wide & no
seams



Airtech manufactures vacuum bagging films for infusion

Big Blue L-100

Maximum Use Temperature	Elongation	Tensile Strength	Film Sizes (Inches)	Film Sizes (Metric) / Roll Width
121°C	350%	21 MPa	0.003" x 79" CF x 738 ft	75 µm x 2m CF x 225m (1m wide roll)
			0.003" x 157" CF x 557 ft	75 µm x 4m CF x 170m (2m wide roll)
			0.003" x 236" DWF x 360 ft	75 µm x 6m DWF x 110m (1.75m wide roll)
			0.003" x 315" DWF x 272 ft	75 µm x 8m DWF x 83m (2.20m wide roll)
			0.003" x 394" MWF x 219 ft	75 µm x 10m MWF x 67m (1.70m wide roll)
			0.003" x 472" MWF x 183 ft	75 µm x 12m MWF x 56m (1.70m wide roll)
			0.003" x 472" MWF x 246 ft	75 µm x 12m MWF x 75m (1.70m wide roll)
			0.003" x 551" MWF x 196 ft	75 µm x 14m MWF x 60m (2m wide roll)
			0.003" x 630" MWF x 98 ft	75 µm x 16m MWF x 30m (2.30m wide roll)
			0.003" x 630" MWF x 164 ft	75 µm x 16m MWF x 50m (2.30m wide roll)

Benefits

Big Blue L-100 is a multi-layer vacuum bag film for applications where a wide film is required. It is suitable for resin infusion and wet lay-up where the cure temperature does not exceed 121°C.



Wrightlon® 250Y

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
150°C	400%	41 MPa	0.002" x 24" LFT x 1000 ft	50 µm x 610mm LFT x 304m
			0.002" x 36" LFT x 1000 ft	50 µm x 914mm LFT x 304m
			0.002" x 48" LFT x 1000 ft	50 µm x 1.22m LFT x 304m
			0.002" x 60" LFT x 1000 ft	50 µm x 1.52m LFT x 304m
			0.002" x 80" LFT x 750 ft	50 µm x 2.03m LFT x 228m

Benefits

Wrightlon® 250Y vacuum bagging film has high elongation, flexibility and tensile strength. The enhanced physical values allow for added security even in harsh environments. Wrightlon® 250Y is well suited for marine and other commercial vacuum bagging applications.

Other sizes and formats available up to maximum 7m wide sheeting



L-550G

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
171°C	400%	52 MPa	0.002" x 18" LFT x 1000 ft	50 µm x 457mm LFT x 304m
			0.002" x 24" LFT x 1000 ft	50 µm x 610mm LFT x 304m
			0.002" x 36" LFT x 1000 ft	50 µm x 914mm LFT x 304m
			0.002" x 48" LFT x 1000 ft	50 µm x 1.22m LFT x 304m
			0.002" x 60" LFT x 1000 ft	50 µm x 1.52m LFT x 304m
			0.002" x 80" LFT x 750 ft	50 µm x 2.03m LFT x 228m
			0.002" x 90" LFT x 750 ft	50 µm x 2.29m LFT x 228m

Benefits

L-550G vacuum bagging film is available in wide sizes and has high elongation and high tensile strength. The enhanced physical values allow for added security even in harsh environments. L-550G is well suited for wind energy, marine, and other commercial applications.

Other sizes and formats available up to maximum 7m wide sheeting



Wrightlon® 600V

Maximum Use Temperature	Elongation	Tensile Strength	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	400%	65 MPa	0.002" x 18" LFT x 1000 ft	50 µm x 457mm LFT x 304m
			0.002" x 24" LFT x 1000 ft	50 µm x 610mm LFT x 304m
			0.002" x 36" LFT x 1000 ft	50 µm x 914mm LFT x 304m
			0.002" x 48" LFT x 1000 ft	50 µm x 1.22m LFT x 304m
			0.002" x 60" LFT x 1000 ft	50 µm x 1.52m LFT x 304m
			0.002" x 80" LFT x 750 ft	50 µm x 2.03m LFT x 228m

Benefits

Wrightlon® 600V vacuum bagging film is designed for low cost, commercial applications. It has good elongation and stays soft in low humidity conditions.

Other sizes and formats available up to maximum 7m wide sheeting



*SHT=Sheeting



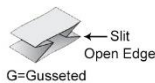
CF=Centerfold



LFT=Lay-Flat Tubing



GT=Gusseted Tubing



G=Gusseted



SWF=Single W-Fold



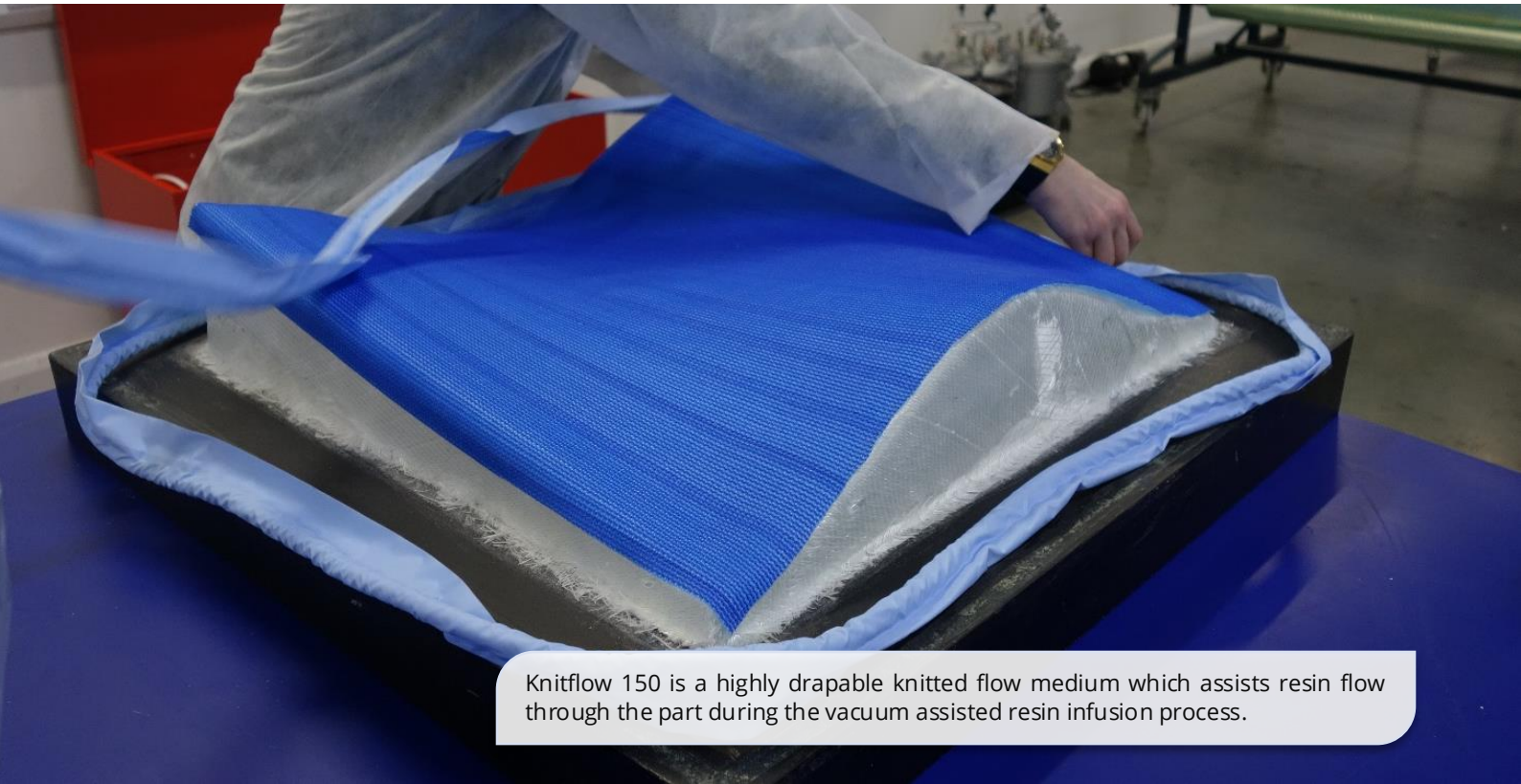
DWF=Double W-Fold



MWF=Multiple W-Fold

Other products, sizes & formats are available, please visit www.airtech-amg.co.uk and contact an Airtech customer service representative for complete details.

Resin Flow Mesh



Knitflow 150 is a highly drapable knitted flow medium which assists resin flow through the part during the vacuum assisted resin infusion process.



Greenflow 75 retains less resin due to low profile, so less resin waste, lower cost. Greenflow 75 now available in wider width for larger parts. Narrow slit width rolls can be made to order for smaller infusion part areas.



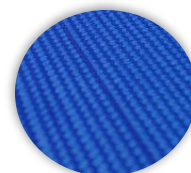
Resin flow mesh for flow over part surfaces

Knitflow 150

Maximum Use Temperature	Mesh Weight	Material	Resin Flow	Roll Sizes (Inches)	Roll Sizes (Metric)
115°C	150 g/m ²	Knitted PE	Medium Speed **	59" x 328 ft 79" x 328 ft	1.50m x 100m 2.0m x 100m

Benefits

Knitflow 150 assists resin flow through the part during the vacuum assisted resin infusion process. This resin flow medium works well with polyester, vinylester and epoxy resins. Knitflow 150 is a highly drapable knitted flow medium with a high resin flow speed for most resins.



Knitflow 160

Maximum Use Temperature	Mesh Weight	Material	Resin Flow	Roll Sizes (Inches)	Roll Sizes (Metric)
125°C	160 g/m ²	Knitted HDPE	High Speed ***	59" x 328 ft	1.50m x 100m

Benefits

Knitflow 160 is designed to assist resin flow through the part during the vacuum assisted resin infusion process. This resin flow medium works well with polyester, vinylester and epoxy resins. Knitflow 160 is a highly drapable knitted flow medium with a high resin flow speed for most resins.



Greenflow 75

Maximum Use Temperature	Mesh Weight	Material	Resin Flow	Roll Sizes (Inches)	Roll Sizes (Metric)
150°C	98 g/m ²	Extruded PP	Medium Speed **	0.03" x 41" x 350 ft 0.03" x 60" x 350 ft	0.9mm x 1.04m x 106m 0.9mm x 1.52m x 106m

Benefits

Greenflow 75 is designed to efficiently distribute resin with little waste due to the low profile, tight construction. Greenflow 75 can be used with polyester, vinylester and epoxy resins.



Resinflow 60

Maximum Use Temperature	Mesh Weight	Material	Resin Flow	Roll Sizes (Inches)	Roll Sizes (Metric)
100°C	160 g/m ²	Extruded LDPE/ HDPE blend	Low Speed *	0.05" x 59" x 175.5 ft 0.05" x 59" x 351 ft	1.3mm x 1.5m x 53.5m 1.3mm x 1.5m x 107m

Benefits

Resinflow 60 is designed to assist resin flow through your part during the VARTM (Vacuum Assisted Resin Transfer Moulding) process. Our resin distribution medium works well with polyester, vinylester and epoxy resins. Resin flows more easily throughout your lay-up, when using Resinflow 60.



Combo-Tech Materials



WL3700 P16 perforated film made by Airtech for low-cost infusion processing.



Combo-Tech with WL3700 P16. Release films peel easily off cured laminates. Perforations have dual function of air removal, then resin flow into laminate.



Combo-Tech

Combination materials for resin infusion

Flowlease Green

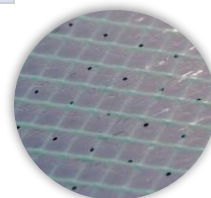
Maximum Use Temperature	Mesh Type	Release type	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	Greenflow 75	WL3700P16		

Benefits

Flowlease combines flow mesh with perforated release film. Great labour savings can be achieved by having a combination of products applied in one operation as opposed to applying one layer at a time.

59" x 328 ft

1.50m x 100m



Flowlease Blue

Maximum Use Temperature	Mesh Type	Release type	Roll Sizes (Inches)	Roll Sizes (Metric)
115°C	Knitflow 150	WL3700P16		

Benefits

Flowlease combines flow mesh with perforated release film. Great labour savings can be achieved by having a combination of products applied in one operation as opposed to applying one layer at a time.

59" x 328 ft

1.50m x 100m

79" x 328 ft

2.0m x 100m



Flowlease Orange

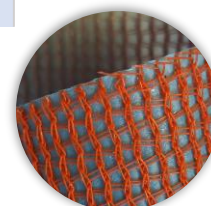
Maximum Use Temperature	Mesh Type	Release type	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	Knitflow 160	WL3700P16		

Benefits

Flowlease combines flow mesh with perforated release film. Great labour savings can be achieved by having a combination of products applied in one operation as opposed to applying one layer at a time.

59" x 328 ft

1.50m x 100m



Flowlease Black

Maximum Use Temperature	Mesh Type	Release Type	Roll Sizes (Inches)	Roll Sizes (Metric)
115°C	Knitflow 110	WL3700P16		

Benefits

Flowlease combines flow mesh with perforated release film. Great labour savings can be achieved by having a combination of products applied in one operation as opposed to applying one layer at a time.

59" x 328ft

1.50m x 100m



Flowpeel 160-37P16-ES

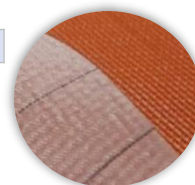
Maximum Use Temperature	Mesh Type	Release type	Peel Ply	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	Knitflow 160	WL3700P16	Econostitch		

Benefits

Flowpeel combines flow mesh with perforated release film and peel ply fabric. Great labour savings can be achieved by having a combination of products applied in one operation as opposed to applying one layer at a time.

60" x 295 ft

1.52m x 90m



Flowpeel Pro

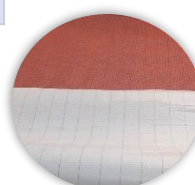
Maximum Use Temperature	Mesh Type	Release type	Peel Ply	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	Knitflow 160	WL3700P16	Stik-Ply P90P		

Benefits

Flowpeel Pro combines flow mesh with perforated release film and self-adhesive peel ply fabric. Great labour savings can be achieved by having a combination of products applied in one operation as opposed to applying one layer at a time.

60" x 345 ft

1.52m x 105m



Resin Brakes

Draw vacuum easily and efficiently

Vac-Brake C is a combination vacuum manifold and resin brake, to allow infusions to complete without resin waste



Vac-Brake Pro

Maximum Use Temperature	Material Type	Colour	Sizes (Inches)	Sizes (Metric)
121°C	Dahltextx® sleeve, PP Textile & Spiral tube	Blue / White		

Benefits

Vac-Brake Pro is a combination vacuum manifold and resin brake for the periphery of resin infusion mouldings. Vac-Brake Pro features a spiral tube sewn into a Dahltextx® sleeve than assembled into a PP200 resin brake. Positioned around the edge of the part it distributes even vacuum and provides a resin brake preventing resin waste and choking of the vacuum manifold.

4" x 82 ft 102mm x 25m



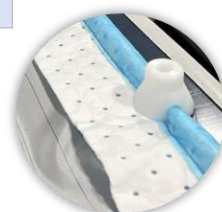
Vac-Brake C

Maximum Use Temperature	Material Type	Colour	Sizes (Inches)	Sizes (Metric)
121°C	PP Textile & PE Spiral	Blue / White		

Benefits

Vac-Brake C is a combination vacuum manifold and resin brake for the periphery of resin infusion mouldings. Vac-Brake C features a spiral tube sewn into a technical textile. Positioned around the edge of the part it distributes even vacuum and provides a resin brake preventing resin waste and choking of the vacuum manifold.

4" x 82 ft 102mm x 25m



Vac-Brake R

Maximum Use Temperature	Material Type	Colour	Sizes (Inches)	Sizes (Metric)
121°C	PP Textile & PE Spiral	White		

Benefits

Vac-Brake R is a combination vacuum manifold and resin brake for the periphery of resin infusion mouldings. Vac-Brake R features a spiral tube sewn into a technical textile. Positioned around the edge of the part it distributes even vacuum and provides a resin brake preventing resin waste and choking of the vacuum manifold.

6" x 165 ft 152mm x 50m





Draw vacuum easily and efficiently

Dahlvac MB80

Maximum Use Temperature	Material Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	Dahltextx® & PE Spiral	Blue		

Benefits

Dahlvac MB80 is an easy-to-use vacuum source designed for resin infusion. The internal spiral tube provides good vacuum flow and the outer layer of Dahltextx® SP-2 allows breathability while preventing resin from entering the vacuum channel.

2" x 100 ft 50mm x 30.m



Dahlvac RC Vac Hose

Maximum Use Temperature	Material Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	Dahltextx® & PE Spiral	Blue		

Benefits

Dahlvac RC Vacuum Hose is an easy-to-use vacuum source designed for resin infusion. The internal spiral tube provides good vacuum flow and the outer layer of Dahltextx® SP-2 allows breathability while preventing resin from entering the vacuum channel.

0.5" x 100 ft 12.7mm x 30.m



Dahlpac MC79

Maximum Use Temperature	Material Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
125°C	Nylon fabric & PP Mesh	Blue		

Benefits

Dahlpac MC79 is an easy-to-use strip material that allows vacuum to be applied over the surface of a composite laminate with no resin bleed out and little part mark-off. Dahlpac MC79 is constructed with Dahltextx® SP-2 fabric which breaths efficiently and can control resin flow.

4" x 27 yds 100mm x 25m



VacTrak

Maximum Use Temperature	Material Type	Colour	Adhesive Type	Thickness	Width	Length
190°C	Polyester	White	Rubber			

Benefits

Vactrak is a knitted technical tape designed to be used during the resin infusion process as a vacuum manifold. The Vactrak is composed for a very specific 100% polyester knitting which offers a very high vacuum permeability. As this knitting is already mounted on our double-sided pressure sensitive tape Airhold 10 CBS, an advantage for the user is to save labour in the construction of the vacuum manifold.

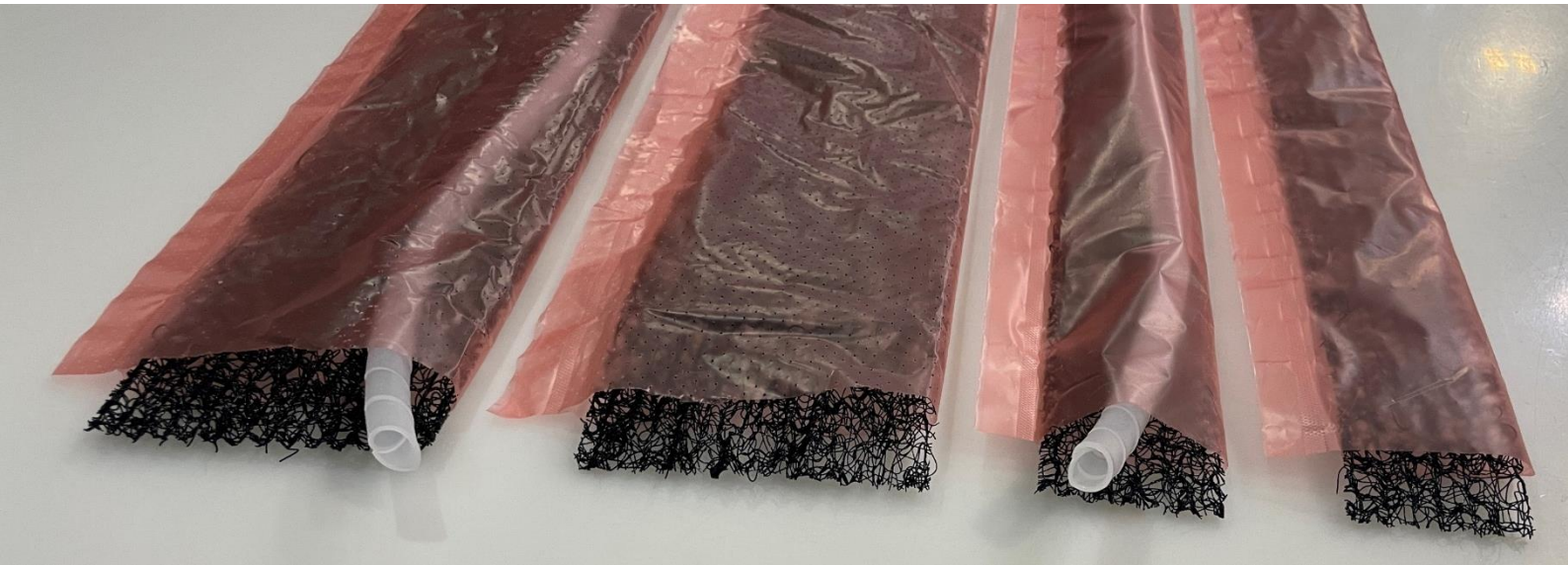
3mm 43mm 25m



Dahlvac RC Vac Hose is an easy-to-use vacuum source which stops resin bleed out.



Resin Feed Lines





Resin Feed Lines

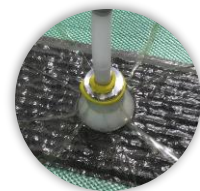
Feed resin easily into laminates

Flowstrip

Maximum Use Temperature	Construction	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
155°C	High flow mesh in polyester sleeve	Grey	2" x 54 yds 4" x 54 yds	50mm x 50m 100mm x 50m

Benefits

Flowstrip is a lay flat resin feed channel constructed with a high-speed 3D mesh inside a highly porous non-woven polyester sleeve. Flowstrip is an extremely efficient resin flow channel which is easy to position on infusion laminates and vacuum bag. Resin flow is High Speed ***



Flowstrip 39

Maximum Use Temperature	Construction	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	High flow mesh in perforated release film sleeve	Red	2" x 100 ft 4" x 100 ft	50mm x 30m 100mm x 30m

Benefits

Flowstrip 39 is a lay flat resin feed line for resin infusion molding. The construction comprises 3D mesh with high resin flow speed wrapped in a perforated release film sleeve which allows removal after resin curing. The lay flat mesh provides high contact area and high resin flow speed to deliver resin into the laminate during infusion. Resin flow is High Speed ***



Flowstrip 39MAX

Maximum Use Temperature	Construction	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	High flow mesh in perforated release film and Spiral	Red	2" x 100 ft 4" x 100 ft	50mm x 30m 100mm x 30m

Benefits

Flowstrip 39MAX includes a resin feed spiral tube on the 3D Mesh to provide even faster line fill speed to extend even resin flow over longer distances and maintain high resin flow speed into laminates being molded. Resin flow is Super High Speed ****



Flowrunner KF160

Maximum Use Temperature	Material Type	Mesh Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	HDPE	160 g/m ²	Orange	4" x 82 ft	100mm x 25m

Benefits

Flowrunner KF160 is a sewn tubular Knitflow 160 mesh with 12 mm (1/2") or 19 mm (3/4") spiral tube inserted for resin infusion applications. Resin flow is Medium Speed **



ResinTrak

Maximum Use Temperature	Material Type	Colour	Thickness	Width	Length
190°C	Polyester	White	3mm	43mm	25m

Benefits

A 100% polyester 3D knitted tape with very high permeability that can be used as a resin feeder or vacuum channel. ResinTrak will transport resin along the part surface and into the laminate. ResinTrak leaves no mark off on the part when used in conjunction with Airtech's flow media and release ply. Resin flow is Medium Speed **



Resintrak HF

Maximum Use Temperature	Material Type	Colour	Thickness	Width	Length
190°C	Polyester	White	4mm	30mm	25m

Benefits

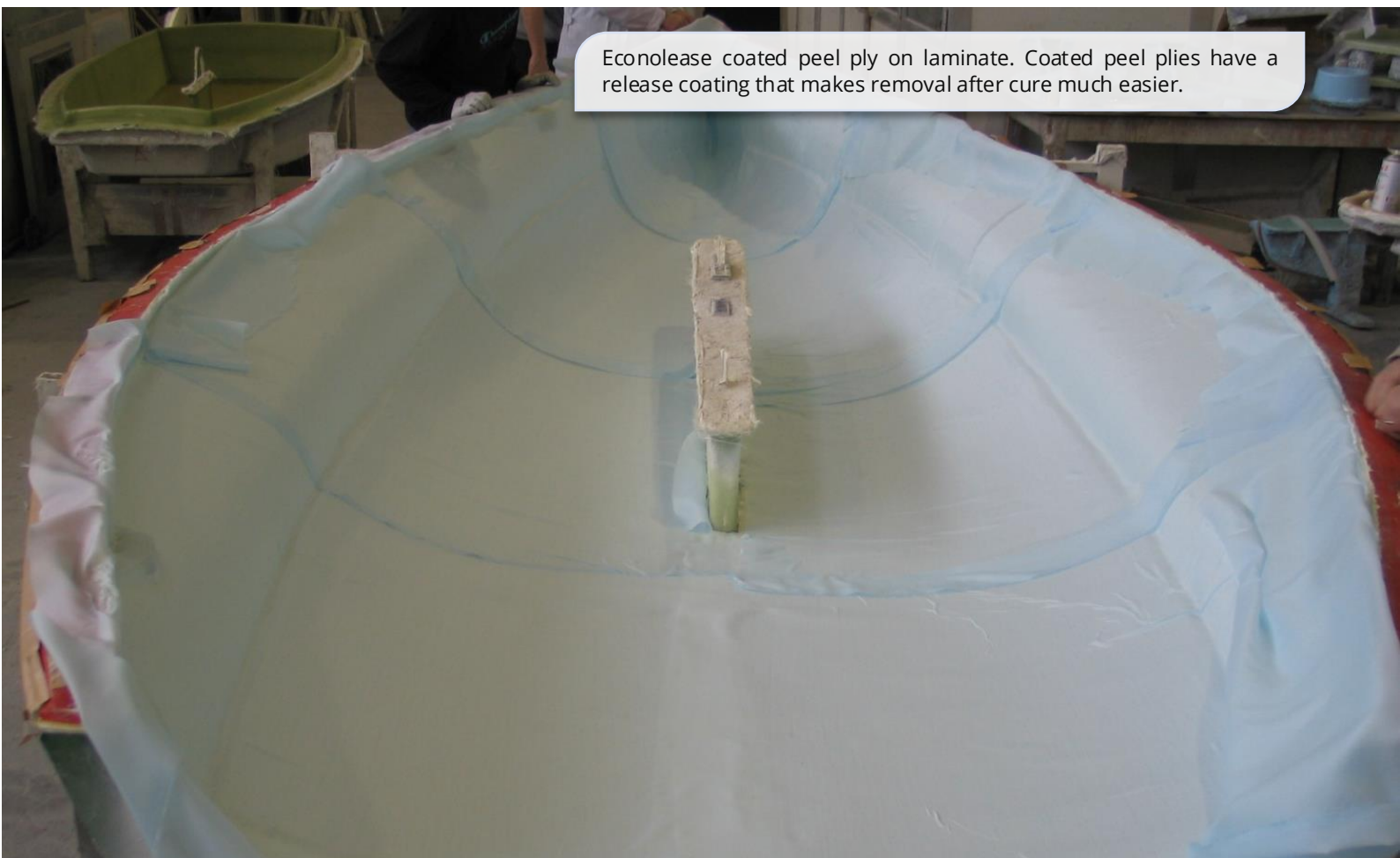
Resintrak HF is a knitted technical tape designed to be used during the resin infusion process as resin flow line. Resintrak HF is composed of a very specific 100% polyester 3D knitting which offer a very high permeability and will transport resin along the surface into the part. Resintrak HF leaves no mark off on the part when used in conjunction with Airtech's flow media and release ply. Resintrak HF is a high flow rate resin feed line with lower resin waste, for easier, more efficient infusions. Resin flow is High Speed ***



Release Fabrics & Peel Ply



Econostitch® peel ply applied to part. Peel ply fabrics peeled off after cure leaving textured surfaces for paint & bonding preparation.



Econolease coated peel ply on laminate. Coated peel plies have a release coating that makes removal after cure much easier.



Fabrics for textured surfaces for paint & bonding preparation

Econostitch®

Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
190°C	Nylon	88 g/m ²	White / Red Tracer	60" x 300 yds 60" x 100 yds	1.52m x 274m 1.52m x 91m

Benefits

Econostitch® is a 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 us for details.



Econostitch® G

Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
190°C	Polyester	85 g/m ²	White / Black Tracer Fluoro Green / Black Tracer	71" x 218 yds	1.8m x 200m

Benefits

Econostitch® G is an economical peel ply with good performance when used with both polyester and epoxy resins. It is available in 2 colour versions, white or fluoro green, and it has black tracers with high visibility to reduce the risk of 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 us for details.



Econoply E

Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
149°C	Polyester	95 g/m ²	White	60" x 250 yds	1.52m x 229m

Benefits

Econoply E is a heavy weight, heat set and scoured polyester peel ply developed for use in difficult environments and where a more textured surface is required for secondary bonding. Our Econo range of peel plies are high quality but inexpensive and developed for applications such as resin infusion. Econo peel plies assist or eliminate the need for sanding or abrading composite laminate.

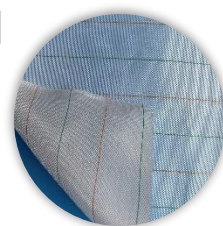


Stik-Ply® P90P

Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
190°C	Polyester	90 g/m ²	White / Green & Orange Tracer	3.15" x 328ft 4.72" x 328ft 63" x 328ft	0.08m x 100m 0.120m x 100m 1.60m x 100m

Benefits

Stik-Ply® P90P is a polyester peel ply with tracers and a porous acrylic adhesive coating. This peel ply can be applied easily to complex surfaces, such as mould surfaces. The adhesive coating is porous and does allow resin bleed through and so can be used for resin infusion processes.



Econolease

Maximum Use Temperature	Fibre Type	Weight	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Nylon Silicone Coated	61 g/m ²	Light blue	60" x 100 yds	1.52m x 91m

Benefits

Econolease is a silicone treated nylon peel ply which provides greater release in difficult environments. Our Econo peel plies are designed to work in resin infusion or hand lay-up processes. All coated peel plies have the potential to transfer.



TFG S 075P

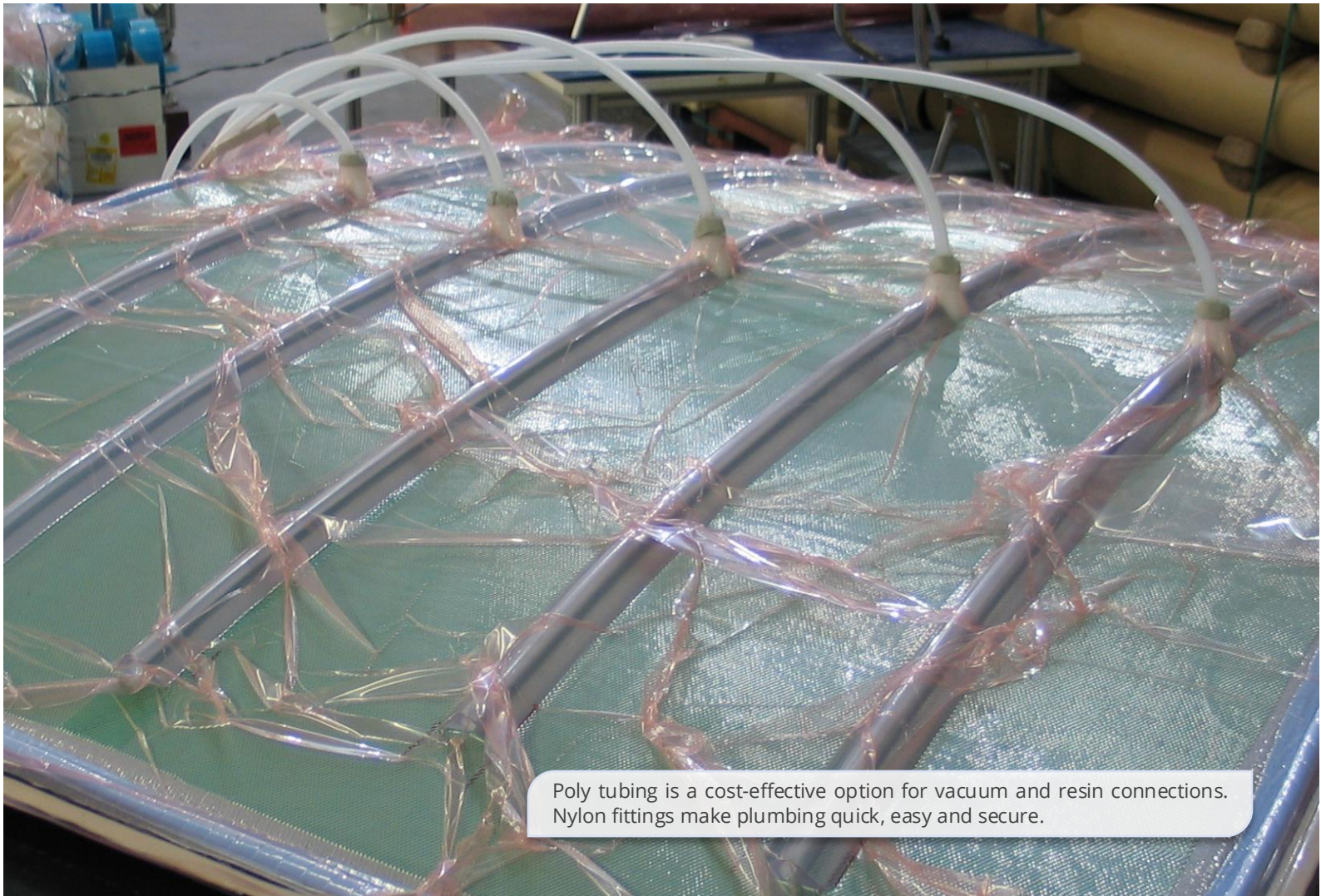
Maximum Use Temperature	Fibre Type	Thickness	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	PTFE Coated Fibreglass	75µm	Brown	39" x 109 yds	1m x 100m

Benefits

TFG S 075P bleed out fabrics are porous, PTFE coated glass fabrics which will provide release from all conventional resin systems. Porous products will allow excess resin, volatiles and trapped air to escape into the breather during cure while non-porous products will retain resin.



Tubing and Connectors



Poly tubing is a cost-effective option for vacuum and resin connections. Nylon fittings make plumbing quick, easy and secure.

Poly Spiral

Maximum Use Temperature	Material	Sizes (Metric)
121°C	Polyethylene	

Benefits

Spiral tubing for resin feed lines and vacuum manifolds around part edge. Can be easily cut and connected with range of coupling, elbow and T fittings.

11mm O.D. x 8mm I.D. x 100m
12mm O.D. x 9mm I.D. x 100m
17mm O.D. x 14mm I.D. x 100m
21mm O.D. x 18mm I.D. x 100m



Poly Tubing

Maximum Use Temperature	Material	Sizes (Metric)
121°C	Polyethylene tubing	

Benefits

Tubing for resin feed and vacuum connections. Can be easily cut and connected with range of coupling, elbow and T fittings.

10mm O.D. x 8mm I.D. x 100m
12mm O.D. x 10mm I.D. x 100m
16mm O.D. x 14mm I.D. x 100m
21mm O.D. x 18mm I.D. x 100m





Infusion essentials for making infusions simple & efficient

RB451 Vacuum catch pot

Benefits

The RB 451 vacuum reservoir is designed to collect excess resin during the vacuum assisted resin transfer moulding process (VARTM). The RB 451 has 1 vacuum inlet and 3 resin inlets in order to be able to perform several infusions at the same time.

Sizes (Gallons)	Sizes (Metric)	Use with
2.5 US Gallon Tank	10 litre	3/8", 1/2" & 5/8" fittings



Polypropylene Fittings

Maximum Use Temperature	Material	Type	Item	Sizes (Metric)
90°C	Polypropylene			

Benefits

Infusion valves and fittings are available in several diameters, and they are designed to be connected with different types of tubes used to control resin flow in the vacuum infusion process. The fittings can also be used to join the spiral tubes used as vacuum channels.

Tee Fittings	PTF12	12mm
	PTF16	16mm
	PTF20	20mm
Elbow Fittings	PLF12	12mm
	PLF16	16mm
	PLF20	20mm
Coupling Fittings	PCF12	12mm
	PCF16	16mm
	PCF20	20mm
Infusion Valves	Infuvalve 12	12mm
	Infuvalve 16	16mm
	Infuvalve 20	20mm



RIC Connector with spiral base

Maximum Use Temperature	Material	Tube Connection	Spiral Connection	Reference
80°C	UHMW Polyethylene			

Benefits

The Airtech Resin infusion connector (RIC) provides inexpensive and efficient through bag connection for use with spiral tube vacuum manifold and resin feed lines for low temperature resin infusion application.

1/2"	1/2"	RIC 12
5/8"	5/8"	RIC 58
3/4"	3/4"	RIC 34



VAC-RIC LT Connector with flat base

Maximum Use Temperature	Material	Tube Connection	Spiral Connection	Reference
80°C	UHMW Polyethylene			

Benefits

The Airtech Vac-Ric LT is a flat base connector for vacuum manifold and resin feed lines for low temperature resin infusion application.

1/2"	Flat base	Vac-RIC LT 12
5/8"	Flat base	Vac-RIC LT 58
3/4"	Flat base	Vac-RIC LT 34



Infusion and Spiral Plugs

Maximum Use Temperature	Material to Avoid	Tube Connection	Spiral Connection	Colour	Reference
130°C	Compatible with most resin systems				

Benefits

Infusion and Spiral Plugs are inexpensive vacuum bag connectors for resin infusion applications, to connect resin feed & vacuum connection tubing. Available with a choice of flat base or groove base in 3 different sizes. The flat base version is for use with Flowstrip & Resintrak and groove base version is for use with Spiral tube & Flowstrip Max products.

12 mm	12 mm	Orange	Spiral Plug 12
16 mm	16 mm	Green	Spiral Plug 16
19 mm	19 mm	Blue	Spiral Plug 19
12 mm	Flat Base	Orange	Infusion Plug 12
16 mm	Flat Base	Green	Infusion Plug 16
19 mm	Flat Base	Blue	Infusion Plug 19



Vacuum Sealant Tapes



Closing a large vacuum bag with sealant tape. Tapes can join bag to bag seams and seal vac bags to tool surfaces. "Pleats" can be made with tape to tailor the bag shape to fit the mould.



Low-cost sealant tapes manufactured for economic infusion processing. Excellent tack level for secure adhesion to films to mould surfaces. Higher tack options for colder workshop environments.



Sealing vacuum bags to tools & sealing around tubing connections

Airseal 2

Maximum Use Temperature	Colour	Base Materials	Tack Level	Sizes
150°C bag to tool 180°C bag to bag	Black	Synthetic rubber	High tack	

Benefits

Airseal 2 is a cost-effective vacuum bag sealant tape for room and medium temperature applications. Airseal 2 has been specially formulated to provide excellent tack, firm feel, good clean-up and long shelf life. It can also be used for higher temperature envelope bag applications.

Airseal 2 - Standard tack version.

Airseal 2 Tacky - Superior tack for colder environments.

Airseal 2 Super Tacky - Very soft and very high tack version.

3mm x 12mm x 15m

3mm x 9mm x 15m

2mm x 10mm x 20m

2mm x 7mm x 20m



TV 150G

Maximum Use Temperature	Colour	Base Materials	Tack Level	Sizes
150°C	Grey	Synthetic rubber	Good tack	

Benefits

TV 150G is an economical vacuum bag sealant tape developed for creating tight seals between vacuum bag to vacuum bag processes. It has great tack for quick adhesion applications, suitable for temperatures up to 150°C.

3mm x 12mm x 15m



AT-200Y

Maximum Use Temperature	Colour	Base Materials	Tack Level	Sizes
204°C	Yellow	Synthetic rubber	High tack	

Benefits

AT-200Y is an economical multi-purpose sealant tape with high tack. It removes easily from metal or composite tools. Suitable for cure applications up to 204°C.

3mm x 12mm x 7.6m



Perforated Release Films

Wrightlon® 3700

Maximum Use Temperature	Elongation	Tensile Strength	Perforation Style	Roll Sizes (Inches)	Roll Sizes (Metric)
121°C	350%	21 MPa	WL3700	0.001" x 60" x 2000 ft	25 µm x 1.52m x 609m

Benefits

Wrightlon® 3700 is a release film that is designed for low-cost applications. Wrightlon® 3700 will release from epoxy, polyester and vinyl ester resin systems.

WL3700 P3	0.001" x 60" x 2000 ft	25 µm x 1.52m x 609m
WL3700 P16	0.001" x 60" x 2000 ft	25 µm x 1.52m x 609m
WL3700 MP22	0.001" x 60" x 2000 ft	25 µm x 1.52m x 609m



Dahlar® Release Bag 125

Maximum Use Temperature	Elongation	Tensile Strength	Perforation Style	Roll Sizes (Inches)	Roll Sizes (Metric)
140°C	400%	65 MPa	RBG125	0.001" x 60" x 2000 ft	25 µm x 1.52m x 609m

Benefits

Dahlar® Release Bag 125 is an economical film designed for release film applications. It can be used for cures up to 140°C and will release from most resins and has good tear resistance and elongation.

RBG125 P3	0.001" x 60" x 2000 ft	25 µm x 1.52m x 609m
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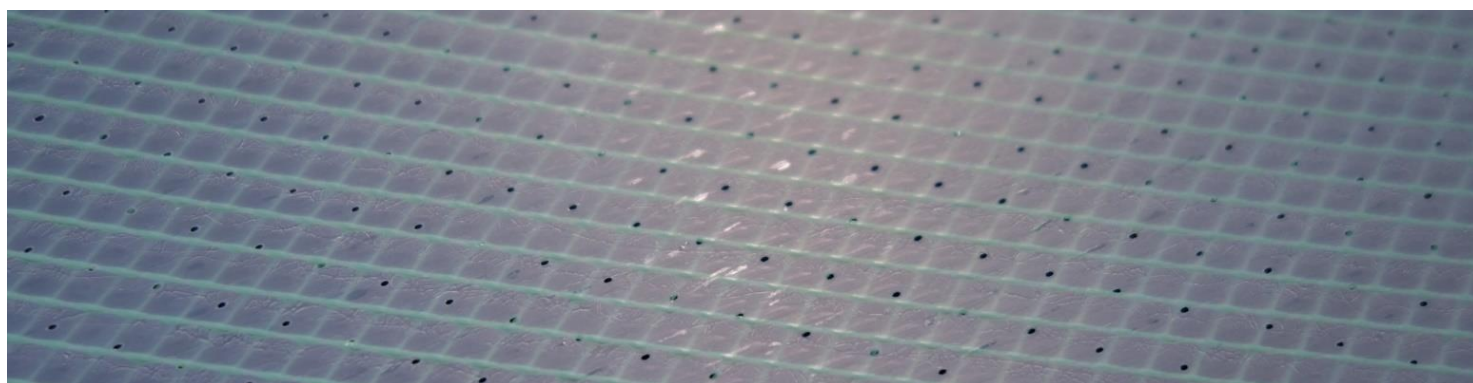
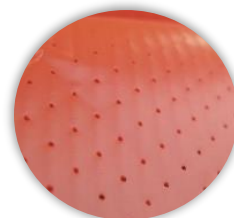
Wrightlon® 3900

Maximum Use Temperature	Elongation	Tensile Strength	Perforation Style	Roll Sizes (Inches)	Roll Sizes (Metric)
157°C	500%	41 MPa	WL 3900R	0.0012" x 60" x 3280 ft	30 µm x 1.52m x 1000m

Benefits

Wrightlon® 3900 release film is a high elongation film which will exhibit excellent release properties from polyester, vinyl ester and epoxy resin systems. It will take temperature up to 157°C.

WL 3900R P3	0.0012" x 60" x 3280 ft	30 µm x 1.52m x 1000m
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Commonly used perforations

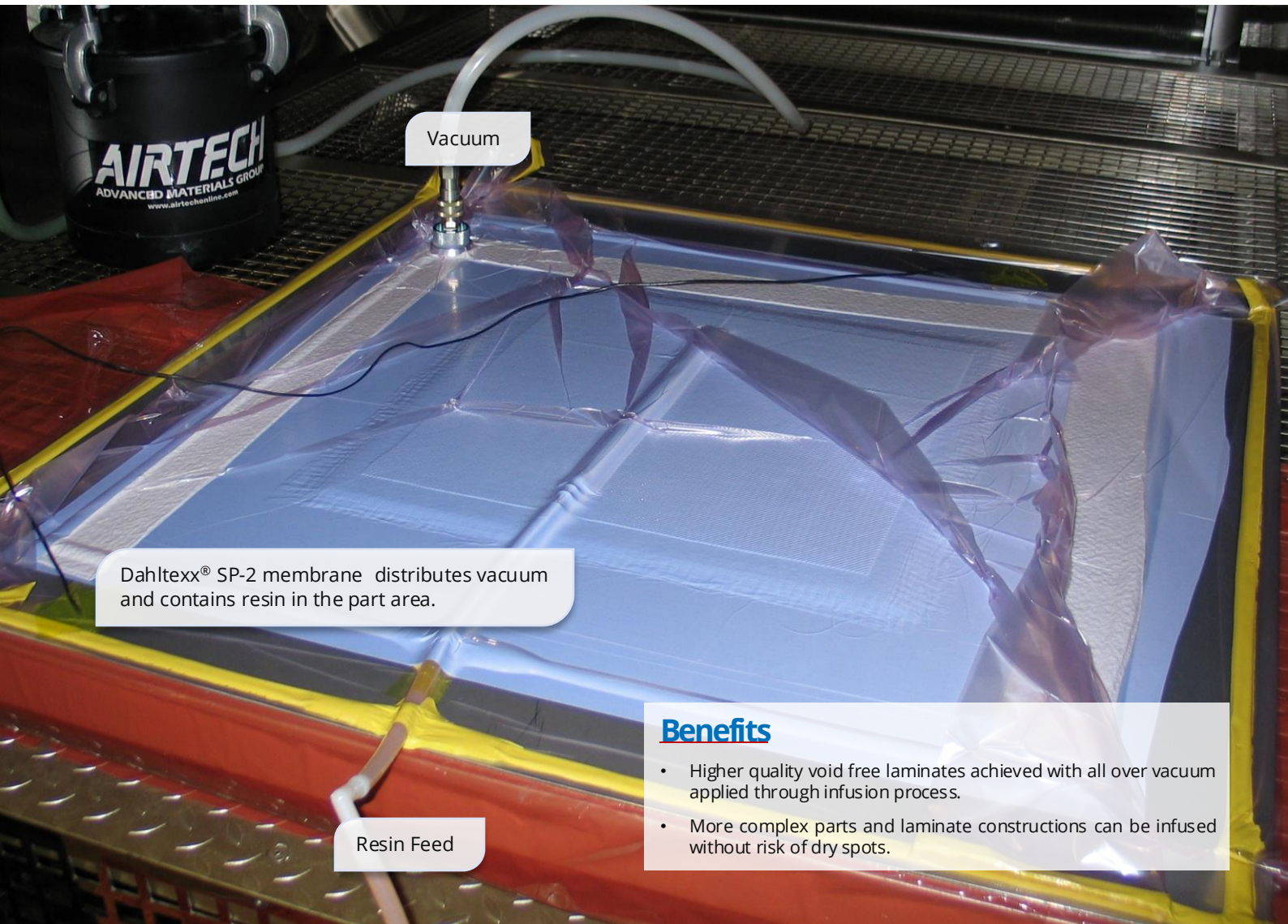
Perforation Style	Nominal Hole Diameter	Description (Inches)	Description (Metric)	Maximum Width
P3	0.015 inch (0.381 mm)	Staggered 0.25 inch centres	Staggered 6.3 mm centres	72 inches (182.9 cm)
P16	0.016 inch (0.406 mm)	Staggered 0.118 inch centres	Staggered 3.0 mm centres	72 inches (182.9 cm)
MP22	0.016 inch (0.406 mm)	Staggered 0.059 inch centres	Staggered 1.5 mm centres	72 inches (182.9 cm)

Notes:

- Other sizes / slit master rolls are available special order, please contact Airtech customer service representative for complete details.
- Other perforations are available, see available perforation data sheet on www.airtech-amg.co.uk



Membrane for Infusion Process



Dahltexx® SP-2

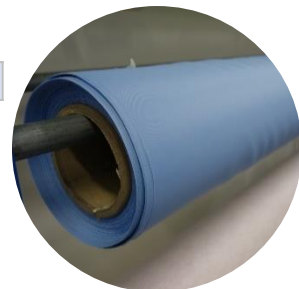
Maximum Use Temperature	Fibre Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
177°C	Nylon	Light blue fabric / White membrane		

Benefits

Dahltexx® SP-2 is an air permeable membrane which can be used for techniques such as tool side breathing and bag side breathing to aid the removal of air but still contain resin. Due to the micro-porous structure of the Dahltexx® SP-2 membrane, it will allow the passage of air and restrict the flow of resin. Dahltexx® SP-2 is intended for vacuum only applications.

58" x 164 yds

1.47m x 150m



Dahltexx® SP-3

Maximum Use Temperature	Fibre Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
190°C	Polyester	Orange fabric / White membrane		

Benefits

Dahltexx® SP-3 is an air permeable fabric which can be used for techniques such as tool side breathing and bag side breathing to aid the removal of air but still contain resin. Due to a micro-porous membrane the Dahltexx® SP-3 fabric will allow the passage of air and restrict the flow of resin. Dahltexx® SP-3 is better at containing lower viscosity resin types.

58" x 164 yds

1.47m x 150m



Pressure Sensitive Tapes

EconoTape

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
177°C	Polyester	Silicone	Green		

Benefits

EconoTape 1 is an inexpensive, multipurpose, silicone-based adhesive, pressure sensitive tape. EconoTape 2 is a stronger version of EconoTape 1. This tape can be used for holding down vacuum bagging materials, thermocouples, and other lay-up items. EconoTape 1 & 2 can be used for room temperature to 177°C applications.

1" x 72 yds
2" x 72 yds

25mm x 66m
50mm x 66m



Airhold 10 DBT

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
60°C	Cloth	Rubber	White		

Benefits

Airhold 10 DBT is an economical double backed fabric tape for general holding applications where high tack and strong hold is required to keep materials in position. The cloth tape has rubber-based adhesive on both sides which provides excellent adhesion. Airhold 10 DBT is a good choice for holding spiral vacuum manifolds in position for infusion setups.

1" x 36 yds
2" x 36 yds

25mm x 33m
50mm x 33m



Wrightlease

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	Fluoropolymer	Silicone	Orange		

Benefits

Wrightlease is a non-stick tape for applications where resin release is required. The orange colour is highly visible on most substrates in addition to offering high elongation and tensile strength. Wrightlease 2 has 0.002" thick film, Wrightlease 4 has 0.004" thick film, it is stronger and tougher.

1" x 36 yds
2" x 36 yds

25mm x 33m
50mm x 33m



Wrightlease 2R

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Fluoropolymer	Rubber	Light orange substrate / green or white adhesive		

Benefits

Wrightlease 2R is an extruded fluoropolymer film coated with rubber-based pressure sensitive adhesive. The light brown colour is visible on most substrates in addition to offering high elongation and tensile strength.

1" x 36 yds
2" x 36 yds

25mm x 33m
50mm x 33m



Teflease MG2

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	PTFE	Silicone	Brown		

Benefits

Teflease MG2 is a PTFE film coated with a silicone adhesive. They are ideal for use on tooling blocks and all areas where high elongation and release is needed. Teflease MG tapes will form to critical contours and mould surfaces while offering multiple releases or may be used to cover multiple detail mould seams.

1" x 36 yds
2" x 36 yds

25mm x 33m
50mm x 33m



Flashbreaker® 1

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	Silicone	Blue or Orange		

Benefits

Flashbreaker® tapes are high strength polyester films coated with a silicone adhesive for multi-purpose functions such as holding down vacuum bagging materials. Flashbreaker® tapes remove easily after cure. The orange Flashbreaker® tapes have high visibility when placed on parts and moulds.

1" x 72 yds
2" x 72 yds

25mm x 66m
50mm x 66m





Tool Release

TFG-S-075 AH

Maximum Use Temperature	Fabric	Adhesive	Total Thickness	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	75µm PTFE Coated Fibreglass	Silicone	125µm	39" x 98 ft	1m x 30m

Benefits

TFG S 075 AH is a general-purpose PTFE coated glass fabric tape with medium gloss coating suitable for consideration when cost is a prime factor.

TFG-S-125 AH

Maximum Use Temperature	Fabric	Adhesive	Total Thickness	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	125µm PTFE coated fibreglass	Silicone	175µm	39" x 98 ft	1m x 30m

Benefits

TFG S 125 AH is a general-purpose PTFE coated glass fabric tape with medium gloss coating suitable for consideration when cost is a prime factor. Can be used on the tool face to give a permanent release surface eliminating the need to apply release agents. Low coefficient of friction allows resin to flow easily against the surface. Mould tools with imperfections / pinholes can be covered to produce a suitable tooling surface.

Toolwright 3

Maximum Use Temperature	Film Carrier	Adhesive	Total Thickness	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	50µm extruded fluoropolymer	Silicone	75µm	50" x 18 yds	1.27m x 16.5m

Benefits

Toolwright 3 is a light orange extruded fluoropolymer film coated with silicone pressure sensitive adhesive. Toolwright 3 has high elongation, good tear strength, high temperature resistance and excellent clean up after removal.

Toolwright 5

Maximum Use Temperature	Film Carrier	Adhesive	Total Thickness	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	100µm extruded fluoropolymer	Silicone	125µm	46" x 18 yds	1.17m x 16.5m

Benefits

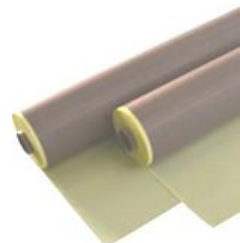
Toolwright 5 is an extruded fluoropolymer film coated with silicone pressure sensitive adhesive. The orange colour is highly visible on most substrates in addition to offering high elongation and tensile strength.

Tooltec® CS5

Maximum Use Temperature	Film Carrier	Adhesive	Total Thickness	Roll Sizes (Inches)	Roll Sizes (Metric)
260°C	127µm PTFE	Silicone	165µm	36" x 18 yds 48" x 18 yds	914mm x 16.5m 1.22m x 16.5m

Benefits

Tooltec® CS5 is a PTFE film coated with a high temperature silicone pressure sensitive adhesive. It can be used to seal masters and leaky tool surfaces while providing semi-permanent and contamination free part release. Tooltec® CS5 is a non-reinforced mould surface reconditioning tape allowing conformance to complex contours and providing a semi-permanent release for contoured shapes.



Tackifiers & Spray Adhesives



Fine mist spray adhesive
with MEGA tack
formulated for composites



Airtac 3 MEGA spray adhesive has more adhesive, less solvent for better coverage and more tack.



Tools for infusing parts and resin for infusing mould tools



Tac-Strip

Maximum Use Temperature	Material Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
100°C	Fibreglass mesh	Acrylic	White		

Benefits

Tac-Strip is a fibreglass fabric mesh tape coated on both sides with a "high-tack" pressure sensitive adhesive. Tac-Strip is designed to hold dry fabrics in place as required when using resin infusion, resin transfer moulding, and other processes requiring dry fabric lay-up. Tac-Strip has the added advantage of being very clean when compared to spray adhesives commonly used for ply placement.

1" x 295 ft	25mm x 90m
2" x 295 ft	50mm x 90m



Airtac 2 LH+ Spray Adhesive

Spray style	Adhesive Type	Characteristics	Colour	Can Size	Cans Per Case
Fine mist	High tack adhesive	Methylene chloride free, toluene free	Clear		

Benefits

Airtac 2 LH+ is a high tack spray adhesive designed for temporary bonding. Airtac 2 LH+ can be used to hold dry materials on contours and vertical surfaces. This product is ideally suited to resin infusion applications for holding plies, release films, peel plies, and infusion mesh in place until the vacuum bag is secured. Airtac 2 LH+ has a fine mist spray pattern.

500 ml	12 cans / case
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Airtac 3 MEGA Spray Adhesive

Spray style	Adhesive Type	Characteristics	Colour	Can Size	Cans Per Case
Fine mist	Very high tack adhesive	Methylene chloride free, toluene free	Clear		

Benefits

Airtac 3 Mega is a spray adhesive, with very high tack, designed for temporary bonding. Airtac 3 Mega can be used to hold dry materials on contours and vertical surfaces. This product is ideally suited to resin infusion applications for holding plies, release films, peel plies, and infusion mesh in place until the vacuum bag is secured. Airtac 3 Mega is a fine mist.

600 ml	12 cans / case
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FIX-IT Filament Spray Adhesive

Spray Style	Adhesive Type	Colour	Can Size	Cans Per Case
Web of filaments	Very high tack adhesive	Clear		

Benefits

FIX-IT is a filament spray adhesive for high level adhesion in the resin infusion process and other processes where dry materials need to be positioned. Filament spray adhesive provides high tack and grab on textured surfaces. Web of filaments avoid continuous coverage and does not impede resin flow.

500 ml	12 cans / case
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High Temperature Infusion



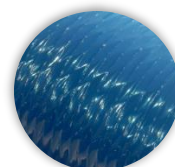
RF242B -1 Perforated release film

Maximum Use Temperature	Elongation	Tensile Strength	Perforation Style	Roll Sizes (Inches)	Roll Sizes (Metric)
220°C	350%	48 MPa			

Benefits

RF242B-1 release film is a high temperature and high elongation release film which will conform easily to the most complex curvatures.

RF242B -1 P3 0.0008" x 48" x 600 ft 0.020mm x 1.22m x 183m



Airhold 1 CBS Double sided tape

Maximum Use Temperature	Carrier Type	Adhesive Type	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
204°C	Polyester	Acrylic	Clear		

Benefits

Airhold 1 CBS is an all-purpose, high temperature double-backed holding tape. Airhold 1 CBS is designed to hold release plies, release films and breathers in place during lay-up and vacuum bagging machining operations. It leaves little residue which removes with common shop solvents.

1" x 36 yds
2" x 36 yds

25mm x 33m
50mm x 33m



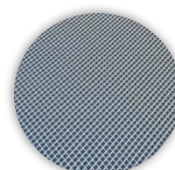
Resinflow 90 HT Resin flow mesh

Maximum Use Temperature	Mesh Weight	Material	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
177°C	160 g/m ²	Extruded nylon	Clear		

Benefits

Resinflow 90 HT is a resin distribution medium for elevated temperatures. Resinflow 90 HT is designed for resin infusion with cures at 177°C. The fused overlay construction provides optimum flow characteristics.

0.035" x 40" x 500 ft 0.9mm x 1.01m x 152m



Knitflow 105 HT Resin flow mesh

Maximum Use Temperature	Mesh Weight	Material	Colour	Roll Sizes (Inches)	Roll Sizes (Metric)
200°C	105 g/m ²	Knitted nylon	Clear		

Benefits

Knitflow 105 HT is designed to assist resin flow through the part during the vacuum assisted resin infusion process when elevated temperatures are used. Our resin flow medium works well with polyester, vinyl ester and epoxy resins. This product is a knitted flow medium.

0.028" x 98" x 45.9 ft 0.7m x 2.5m x 40m





High temperature infusion materials

Nylon Tubing and Spiral

Maximum Use Temperature	Material	Colour	Sizes (Inches)	Sizes (Metric)
180°C	Nylon	White	1/2" O.D. x 3/8" I.D. x 82'	12.7mm O.D. x 9.5mm I.D. x 25m

Benefits

Nylon tubing is a high temperature tube designed to transport resin during infusion. Nylon spiral tube can be used to create a vacuum manifold around the perimeter of a part during infusion. Can be easily cut and connected with range of coupling, elbow and T fittings.



Nylon Tubing Connectors

Maximum Use Temperature	Material	Colour	Part Name	Use With
180°C	Nylon	Translucent	NTF 38 - NTF 12 - NTF 58	3/8" - 1/2" - 5/8" I.D. Tubing
			NEF 38 - NEF 12 - NEF 58	3/8" - 1/2" - 5/8" I.D. Tubing
			NCF 38 - NCF 12 - NCF 58	3/8" - 1/2" - 5/8" I.D. Tubing

Benefits

Nylon barb "T" fitting- NTF, Nylon barb "Elbow" fittings- NEF, Nylon barb "Coupling" fittings- NCF.



Siltube

Maximum Use Temperature	Material	Colour	Sizes (Metric)
230°C	Silicone	Clear	14mm O.D. x 8mm I.D. x 25m - fits RIA1/2" 18mm O.D. x 10mm I.D. x 25m - fits RIA5/8" 21mm O.D. x 12mm I.D. x 25m - fits RIA3/4"

Benefits

Tubing for resin feed and vacuum connections. Can be easily cut and connected with a range of coupling, elbow and T fittings.



RIC HT Connector with spiral base

Maximum Use Temperature	Material	Colour	Tube Connection	Spiral Connection	Product Reference
180°C	Nylon	Black	1/2"	1/2"	RIC-HT 12
			5/8"	5/8"	RIC-HT 58
			3/4"	3/4"	RIC-HT 34

Benefits

The Airtech High Temperature Resin Infusion Connector (RIC HT) provides inexpensive and efficient through bag connection for vacuum manifold and resin feed lines for high temperature resin infusion applications.

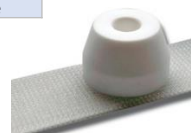


VAC-RIC HT Connector with flat base

Maximum Use Temperature	Material	Colour	Tube Connection	Spiral Connection	Product Reference
260°C	PTFE	White	1/2"	1/2"	VAC-RIC HT 12

Benefits

The Airtech Resin Infusion Connector (RIC) provides inexpensive and efficient through bag connection for use with spiral tube vacuum manifold and resin feed lines for low temperature resin infusion applications.



RIA Hose to connector adaptor

Maximum Use Temperature	Material	Colour	Tubing Connection Diameter	Fits Connector Size	Product Reference
260°C	Stainless steel	Steel	9.8mm	1/2"	RIA 1/2"
			13.2mm	5/8"	RIA 5/8"
			15.2mm	3/4"	RIA 3/4"

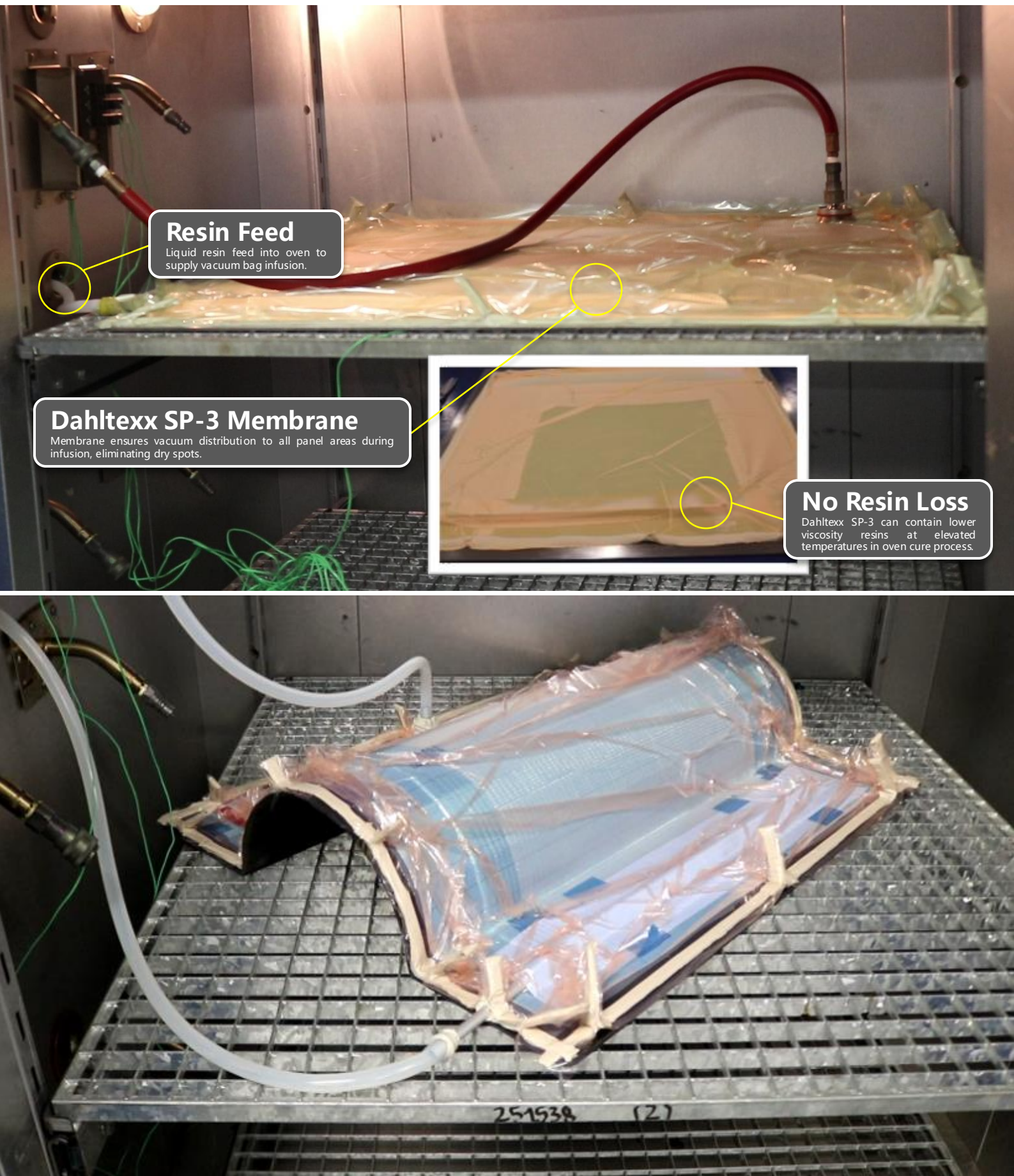
Benefits

RIA is a practical tool which can ensure the connection between the resin inlet tube or vacuum line and all Airtech RIC (Resin Infusion Connectors). The sharp angled end of this new adapter will easily perforate the vacuum bag placed on the top of the RIC without the need of scissors.



High temperature silicone tubing,
Hose Clamp Mini, RIA and VAC-RIC HT.

High Temperature Infusion





Infusion Tooling Products



Toolfusion® 1 resin infusion for composite mould. Infusion tooling is low cost and simple to manufacture Mastermodels, tools or parts.

Toolfusion® 1

Material Type	Initial Cure Temperature	Pot Life	Service Temperature	Package Size	Weight
Epoxy	22°C for 24 hours	75 minutes (100g at 22°C)	191°C		

Benefits

Toolfusion® 1A / 1B is a two-part, low viscosity epoxy infusion resin designed to produce prepreg quality, high temperature moulds at a fraction of the cost. Standard infusion vacuum bagging is all that is required to produce autoclave quality laminates.

Toolfusion® 1A / 1B requires room temperature master models and patterns further reducing the cost of composite tooling.

5 Gallon

Part A - 40 lbs. (18.1kg)
Part B - 8 lbs. (3.6kg)

Drum

Part A - 500 lbs. (225kg)
Part B - 105 lbs. (47.8kg)

Toolfusion® 3

Material Type	Initial Cure Temperature	Pot Life	Service Temperature	Package Size	Weight
Epoxy	49°C for 12 hours	300 minutes (100g at 22°C)	218°C		

Benefits

Toolfusion® 3A / 3B is a two-part low viscosity epoxy infusion resin formulated to produce pre-preg quality, composite moulds. Toolfusion® 3 has a low initial cure temperature of 49°C and can be post cured to achieve a high glass transition temperature of 218°C. Void contents of less than 1% are achievable.

Toolfusion® 3A / 3B will work in various RTM and VARTM processes including single and double bag arrangements to produce autoclave quality laminates.

5 Gallon

Part A - 45 lbs. (20.4kg)
Part B - 40 lbs. (18.1kg)

Airtech UK Customer Service



Global manufacturing & Local Inventories
Delivering Short Lead Times. AAMG: >98% OTD



Customer Service
Team Contacts



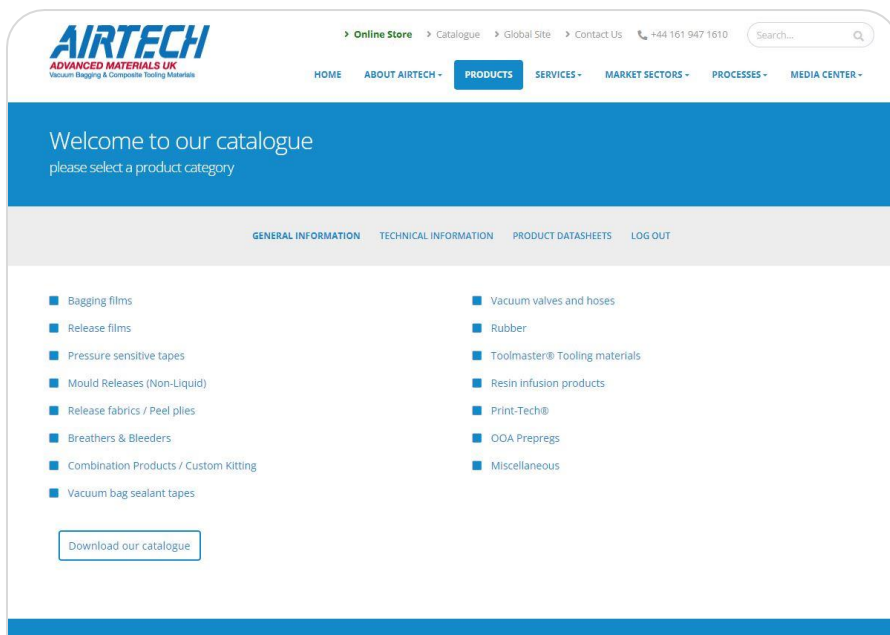
Development, Innovation &
Continuous Improvement



Technical Support, Training Workshops & On-site Training Support



Quality System Accreditation



Online Catalogue with Technical Data Sheet & Safety Data Sheet
Download



Consignment Stocking & Management Service



Recyclable Packaging



Dedicated to the needs of our customers

Airtech has been a supplier and supporter of all forms of resin infusion processing from the early days of its development. We continue to develop new materials specifically for resin infusion using expertise developed in all composite industries such as Aerospace, Wind Energy, Marine, etc.

Doña Francisca

Schooner

Image taken during the manufacture of the of the 52.5 meter Doña Francisca, one of the largest carbon sailing yachts ever built.



Company: Buquebus
Size: 52.5 meters
Launched: January 2014
Location: Uruguay

172 feet carbon fibre boat infused using Airtech materials by Loic Venec.

Need more information, a quote or a sample?

Please contact our customer service team

Phone: +44 161 947 1610

Email: sales@airtech-amg.co.uk



About Airtech UK

Chadderton, England

www.airtech-amg.co.uk

- ▶ Airtech UK. (formerly Tygavac) 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 799°F (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.
- ▶ With 50 years of extrusion experience, we've taken the next step into additive manufacturing. [Print-Tech®](#) is our new large scale additive manufacturing or 3D printing tooling service for composites. Large-scale tooling in the form of trim fixtures, holding fixtures, and layup moulds can be designed, tooled, and built faster without compromise quality. Also, we manufacture a full line of [Dahltram®](#) tooling and [Dahlpram®](#) purging resins.
- ▶ Airtech Advanced Materials Group is family owned. We have seven locations strategically placed worldwide: Huntington Beach, California, USA; Chino, California, USA; Springfield, Tennessee, USA; Differdange, Luxembourg; Chadderton, England; Goa, India and Tianjin, China. All of our facilities offer technical assistance and are ready to meet your composite production challenges.
- ▶ Airtech is an ISO 9001:2015 / AS9100 Rev. D registered company.

Contact Us

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