

SECTION GUIDE

RELEASE FABRICS / PEEL PLIES

Name	Material type	Release coating	Maximum use temperature	Weight	Colour	Page
60B	Nylon	-	205°C	60 g / m ²	White	1
60BR	Nylon	Silicone	205°C	60 g / m ²	Orange	2
80A	Nylon	-	205°C	80 g / m ²	White	3
80AR	Nylon	Silicone	205°C	80 g / m ²	Orange	4
Release Ply A	Nylon	-	232°C	80 g / m ²	Off-white	5
Release Ply Super A	Nylon	-	232°C	139 g / m ²	White	6
Stitch Ply A	Nylon	-	232°C	88 g / m ²	White	7
Release Ply B	Nylon	-	232°C	62 g / m ²	White	8
Release Ply C	Polyester	-	204°C	64 g / m ²	White	9
Release Ply F	Polyester	-	204°C	95 g / m ²	White	10
Release Ply Super F	Polyester	-	204°C	114 g / m ²	White	11
Release Ply G	Polyester	-	204°C	92 g / m ²	White	12
Stitch Ply G	Polyester	-	204°C	92 g / m ²	White	13
Ultra Ply 22 T	Polyester	-	204°C	95 g / m ²	White	14
Bleeder Lease® A	Nylon	Silicone	232°C	80 g / m ²	Green	15
Bleeder Lease® B	Nylon	Silicone	232°C	62 g / m ²	Green	16
Bleeder Lease® C	Fibreglass	Silicone	427°C	299 g / m ²	Green	17
Bleeder Lease® E	Fibreglass	Silicone	427°C	126 g / m ²	Green	18
Bleeder Lease® G	Polyester	Silicone	204°C	83 g / m ²	Green	19
Superlease Blue	Nylon	Silicone	232°C	62 g / m ²	Blue	20
Econostitch®	Nylon	-	190°C	88 g / m ²	White	21
Econostitch® G	Polyester	-	190°C	85 g / m ²	White	22
Econoply E	Polyester	-	149°C	95 g / m ²	White	23
Econoply J	Polyester	-	121°C	54 g / m ²	White	24
Econolease	Nylon	Silicone	204°C	61 g / m ²	Light blue	25
TFG 075	PTFE Coated Fibreglass	-	260°C		Brown	26
TFG 125	PTFE Coated Fibreglass	-	260°C		Brown	27
TFG 250	PTFE Coated Fibreglass	-	260°C		Brown	28
TFG 075P & TFG S075P	PTFE Coated Fibreglass	-	260°C		Brown	29
TFG 125TR	PTFE Coated Fibreglass	-	260°C		Brown	30
TFG 125P	PTFE Coated Fibreglass	-	260°C		Brown	31
TFG 250P	PTFE Coated Fibreglass	-	260°C		Brown	32
Release Ease® 234 TFP	Fibreglass	PTFE	288°C	-	Brown	33

Catalogue position : [Release fabrics / Peel plies](#)

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SECTION GUIDE

RELEASE FABRICS / PEEL PLIES

Name	Material type	Release coating	Maximum use temperature	Weight	Colour	Page
Release Ease® 234 TFP-HP	Fibreglass	PTFE	288°C	-	Brown	34
Release Ease® 234 TFP-1	Fibreglass	PTFE	288°C	-	Brown	35
Release Ease® 234 TFNP	Fibreglass	PTFE	288°C	-	Brown	36
Release Ease® 236 TFNP	Fibreglass	PTFE	288°C	-	Brown	37
Bagside and toolside breathing						38
Dahltextx® SP-2	Nylon	-	177°C	140 g / m ²	Light blue fabric side / White membrane side	39

Data Sheet

60B

Nylon woven peel ply

DESCRIPTION

60B is a high temperature tightly woven nylon peel ply with a fine texture. Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The fabric is scoured and heat set to remove most contaminants and reduce shrinkage.

BENEFITS

- Peel plies strip off of cured laminates leaving a fine textured surface, reducing time spent hand finishing.
- Less time abrading in preparation for secondary bonding or painting.
- Fabric has been scoured to reduce the need for removing contaminants off cured laminates.

TECHNICAL DATA

Maximum use temperature	205°C
Fibre type	Nylon
Weight	60 g/m ²
Colour	White
Shelf Life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
1.52 m	200 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Not recommended for use against phenolic resins.

Data Sheet

60BR

Nylon woven peel ply

DESCRIPTION

Tygavac 60BR peel ply is a high temperature tightly woven nylon fabric coated with a silicone release agent. It provides superior release to plain peel plies because the coating prevents the fabric from bonding to the laminate while producing a textured surface. It will provide easy release from most prepregs and resin systems. All coated peel plies have the potential to transfer release agent to the part so we recommend testing prior to part production.

BENEFITS

- Release coating reduces the effort required to remove the peel ply from laminate.
- Peel plies strip off of cured laminates leaving a textured surface, reducing time spent hand finishing.
- Highly drapable weave style can be applied over multiple curved surfaces more easily.

TECHNICAL DATA

Maximum use temperature	205°C
Fibre type	Nylon
Weight	60 g/m ²
Colour	Orange
Coating type	Silicone
Shelf Life	24 months from date of shipment when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
1.52 m	100 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- When using 60BR, Tygavac recommends trials are undertaken prior to any production run.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Not recommended for use against phenolic resins.

Data Sheet

80A

Nylon woven peel ply

DESCRIPTION

Tygavac 80A is a high temperature nylon peel ply. Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The fabric is scoured and heat set to remove most contaminants and reduce shrinkage.

BENEFITS

- Peel plies strip off of cured laminates leaving a textured surface, reducing time spent hand finishing.
- Less time abrading in preparation for secondary bonding or painting.
- Drapable weave style can be applied over shaped parts easily.

TECHNICAL DATA

Maximum use temperature	205°C
Fibre type	Nylon
Weight	80 g/m ²
Colour	White
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
1.52 m	200 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Not recommended for use against phenolic resins.

Data Sheet

80AR

Nylon woven peel ply

DESCRIPTION

Tygavac 80AR peel ply is a high temperature nylon fabric coated with a silicone release agent. It provides superior release to plain peel plies because the coating prevents the fabric from bonding to the laminate while producing a textured surface. It will provide easy release from most prepregs and resin systems. All coated peel plies have the potential to transfer release agent to the part so we recommend testing prior to part production.

BENEFITS

- Release coating reduces the effort required to remove peel ply from laminate.
- Peel plies strip off of cured laminates leaving a textured surface, reducing time spent hand finishing.
- Highly drapable weave style can be applied over compound contours more easily.

TECHNICAL DATA

Maximum use temperature	205°C
Fibre type	Nylon
Weight	80 g/m ²
Colour	Orange
Coating type	Silicone
Shelf life	24 months from date of shipment when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
1.52 m	100 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Phenolic resin may cause release problems with 80AR, therefore it is recommended tests should be carried out before use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

RELEASE PLY A

Non-coated nylon peel ply

DESCRIPTION

Release Ply A is a high drapable nylon peel ply with a more open weave style.

Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The fabric is scoured and heat set to remove most contaminants and reduce shrinkage.

BENEFITS

- Peel plies strip off of cured laminates leaving a textured surface, reducing time spent hand finishing.
- Less time abrading in preparation for secondary bonding or painting.
- Highly drapable weave style can be applied over shaped parts easily.

TECHNICAL DATA

Maximum use temperature	232°C
Fibre type	Nylon
Fabric construction: warp x fill	158 x 158 ends/ dm x picks/ dm
Weight	80 g/m ²
Thickness	0.152 mm
Colour	Off-white
Extractables	< 0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	200 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Not recommended for use against phenolic resins.

Data Sheet

RELEASE PLY SUPER A

Non-coated heavy duty version of Release Ply A

■ DESCRIPTION

Release Ply Super A is a heavy duty, highly drapable nylon peel ply with a more open weave style.

Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The fabric is scoured and heat set to remove contaminants and reduce shrinkage.

■ BENEFITS

- Heavy duty version of Release Ply A is stronger to resist tearing in tougher applications.
- Strips off of cured laminates leaving a courser texture, reducing time spent abrading.
- Highly drapable weave style can be applied over multiple curved surfaces easily.

■ TECHNICAL DATA

Maximum use temperature	232°C
Fibre type	Nylon
Fabric construction: warp x fill	315 x 244 ends/ dm x picks/ dm
Weight	139 g/m ²
Thickness	0.228 mm
Colour	White
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

■ SIZES

Width	Length	Packaging
152 cm	229 m	1 roll

■ NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Not recommended for use against phenolic resins.

Data Sheet

STITCH PLY A

Non-coated nylon peel ply with red tracers

DESCRIPTION

Stitch Ply A is a similar version of Release Ply A with red tracers (pin stripe) for easier identification on the laminate.

Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The various weave styles should provide a match for your specific application. The fabrics are scoured and heat set (unless specified) to remove most contaminants and reduce shrinkage.

BENEFITS

- Peel plies strip off cured laminate leaving a textured surface, reducing time spend hand finishing.
- Red pin stripe makes fabric more visible to reduce risk of leaving in place after cure.
- Drapable weave style can be applied over shaped parts easily.

TECHNICAL DATA

Maximum use temperature	232°C
Fibre type	Nylon
Fabric construction: warp x fill	180 x 180 ends/ dm x picks/ dm
Weight	88 g/m ²
Thickness	0.17 mm
Colour	White
Tracer	Red
Extractables	0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
163 cm	100 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Not recommended for use against phenolic resins.

Data Sheet

RELEASE PLY B

Non-coated nylon peel ply with tight weave

DESCRIPTION

Release Ply B is our tightest weave nylon peel ply that produces a "fine" texture.

Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The fabric is scoured and heat set to remove most contaminants and reduce shrinkage.

BENEFITS

- Peel plies strip off of cured laminates leaving a fine textured surface, reducing time spent hand finishing.
- Less time abrading in preparation for secondary bonding or painting.
- Fabric has been scoured to reduce the need for removing contaminants off cured laminates.

TECHNICAL DATA

Maximum use temperature	232°C
Fibre type	Nylon
Fabric construction: warp x fill	409 x 343 ends/ dm x picks/ dm
Weight	62 g/m ²
Thickness	0.114 mm
Colour	White
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	200 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Not recommended for use against phenolic resins.

Data Sheet

RELEASE PLY C

Non-coated polyester peel ply

DESCRIPTION

Release ply C is our tightest weave polyester peel ply when extra strength is needed.

Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The fabric is scoured and heat set to remove contaminants and reduce shrinkage.

BENEFITS

- Peel plies strip off of cured laminates leaving a fine textured surface, reducing time spent hand finishing.
- Less time abrading in preparation for secondary bonding or painting.
- Polyester fiber provides additional strength and resistance to aggressive resins such as phenolics.

TECHNICAL DATA

Maximum use temperature	204°C
Fibre type	Polyester
Fabric construction: warp x fill	409 x 331 ends/ dm x picks/ dm
Weight	64 g/m ²
Thickness	0.101 mm
Colour	White
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	229 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

RELEASE PLY F

Non-coated polyester peel ply with superior strength

DESCRIPTION

Release Ply F is designed to be drapable yet provide superior strength.

Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The fabric is scoured and heat set to remove contaminants and reduce shrinkage.

BENEFITS

- Good combination of strength and drape for easy application and removal after cure.
- Polyester fibre provides additional strength and resistance to aggressive resins such as phenolics.
- Peel plies strip off of cured laminates leaving a fine textured surface, reducing time spent hand finishing.

TECHNICAL DATA

Maximum use temperature	204°C
Fibre type	Polyester
Fabric construction: warp x fill	299 x 213 ends/ dm x picks/ dm
Weight	95 g/m ²
Thickness	0.152 mm
Colour	White
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	229 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

RELEASE PLY SUPER F

Non-coated heavy duty version of Release Ply F

DESCRIPTION

Release Ply Super F is designed to be drapable yet provide superior strength.

Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The fabric is scoured and heat set to remove contaminants and reduce shrinkage.

BENEFITS

- Heavy duty version with extra strength and drape for easy application and removal after cure.
- Polyester fibre provides additional strength and resistance to aggressive resins such as phenolics.
- Peel plies strip off of cured laminates leaving a fine textured surface, reducing time spent hand finishing.

TECHNICAL DATA

Maximum use temperature	204°C
Fibre type	Polyester
Fabric construction: warp x fill	354 x 252 ends/ dm x picks/ dm
Weight	114 g/m ²
Thickness	0.165 mm
Colour	White
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	229 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Blue is available on special order.

Data Sheet

RELEASE PLY G

Non-coated polyester peel ply with excellent strength

DESCRIPTION

Release Ply G is a tight woven polyester with excellent strength.

Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The fabric is scoured and heat set to remove contaminants and reduce shrinkage.

BENEFITS

- Strength of tighter weave aids removal after cure in most demanding applications.
- Polyester fibre provides additional strength and resistance to aggressive resins such as phenolics.
- Peel plies strip off of cured laminates leaving a fine textured surface, reducing time spent hand finishing.

TECHNICAL DATA

Maximum use temperature	204°C
Fibre type	Polyester
Fabric construction: warp x fill	472 x 252 ends/ dm x picks/ dm
Weight	92 g/m ²
Thickness	0.127 mm
Colour	White
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	229 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

STITCH PLY G

Non-coated polyester peel ply with black tracers

DESCRIPTION

Stitch Ply G is a similar version of Release Ply G with black tracers (pin stripes) for easy identification on the laminate.

Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The various weave styles should provide a match for your specific application. The fabrics are scoured and heat set (unless specified) to remove most contaminants and reduce shrinkage.

BENEFITS

- Strength of tighter weave aids removal after cure in most demanding applications.
- Black pin stripes make fabric more visible to reduce risk of leaving in place during bonding process.
- Peel plies strip off of cured laminates leaving a fine textured surface, reducing time spent hand finishing.

TECHNICAL DATA

Maximum use temperature	204°C
Fibre type	Polyester
Fabric construction: warp x fill	472 x 252 ends/ dm x picks/ dm
Weight	92 g/m ²
Thickness	0.127 mm
Colour	White
Tracer	Black
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	229 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

ULTRA PLY 22 T

Non-coated polyester peel ply with good drapability

DESCRIPTION

Ultra Ply 22T is a unique polyester peel ply with a twill weave and good drape.

Release ply fabrics are peel plies, used to texture the surface of a composite laminate. The peel ply surface is helpful for secondary bonding or painting of the composite laminate. Release ply fabrics may reduce or eliminate the need for sanding or abrading. The various weave styles should provide a match for your specific application. The fabrics are scoured and heat set (unless specified) to remove most contaminants and reduce shrinkage.

BENEFITS

- Twill weave with extra drape for easy application and removal after cure.
- Polyester fibre provides additional strength and resistance to aggressive resins such as phenolics.
- Peel plies strip off of cured laminates leaving a fine textured surface, reducing time spent hand finishing.

TECHNICAL DATA

Maximum use temperature	204°C
Fibre type	Polyester
Fabric construction: warp x fill	303 x 252 ends/ dm x picks/ dm
Weight	95 g/m ²
Thickness	0.165 mm
Colour	White
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	229 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

BLEEDER LEASE® A

Coated nylon peel ply

DESCRIPTION

Bleeder Lease® A peel ply is a high temperature fabric coated with a silicone release agent. It provides superior release to plain peel plies because the coating prevents the fabric from bonding to the laminate while producing a textured surface. It will provide easy release from most prepregs and resin systems. All coated peel plies have the potential to transfer. Bleeder Lease® A is a highly drapable, open weave coated nylon peel ply that works well with most epoxies and polyester resin systems.

BENEFITS

- Release coating reduces the effort required to remove peel ply from laminate.
- Peel plies strip off of cures laminates leaving a textured surface, reducing time spent hand finishing.
- Highly drapable weave style can be applied over compound contours more easily.

TECHNICAL DATA

Maximum use temperature	232°C
Fibre type	Nylon
Fabric construction: warp x fill	158 x 158 ends/ dm x picks/ dm
Weight	80 g/m ²
Thickness	0.152 mm
Colour	Green
Coating type	Silicone
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	91 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Certain phenolic resins will adhere to this product. Tygavac recommends testing prior to use.

Data Sheet

BLEEDER LEASE® B

Coated nylon peel ply

DESCRIPTION

Bleeder Lease® B peel ply is a high temperature fabric coated with a silicone release agent. It provides superior release to plain peel plies because the coating prevents the fabric from bonding to the laminate while producing a textured surface. It will provide easy release from most prepregs and resin systems. All coated peel plies have the potential to transfer. Bleeder Lease® B is a tightly woven, coated nylon peel ply that releases well from most resin systems. It is an excellent choice for many resin infusion projects.

BENEFITS

- Release coating reduces the effort required to remove peel ply from laminate.
- Peel plies strip off of cures laminates leaving a textured surface, reducing time spent hand finishing.
- Highly drapable weave style can be applied over multiple curved surfaces more easily.

TECHNICAL DATA

Maximum use temperature	232°C
Fibre type	Nylon
Fabric construction: warp x fill	409 x 342 ends/ dm x picks/ dm
Weight	62 g/m ²
Thickness	0.114 mm
Colour	Green
Coating type	Silicone
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	100 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Certain phenolic resins will adhere to this product. Tygavac recommends testing prior to use.

Data Sheet

BLEEDER LEASE® C

Coated fibreglass fabric

DESCRIPTION

Bleeder Lease® C peel ply is a high temperature fabric coated with a silicone release agent. It provides superior release to plain peel plies because the coating prevents the fabric from bonding to the laminate while producing a textured surface. It will provide easy release from most prepregs and resin systems. All coated peel plies have the potential to transfer. It has been used up to 427°C cures and releases from most resin systems and is ideal for use on polyimide and thermoplastic high temperature lay-ups.

BENEFITS

- Release coating reduces the effort required to remove peel ply from laminate.
- Peel plies strip off of cures laminates leaving a textured surface, reducing time spent hand finishing.
- Fibreglass retains its strength through high temperature cures and post cures for easier removal after cure.

TECHNICAL DATA

Maximum use temperature	427°C
Fibre type	Fibreglass
Fabric construction: warp x fill	224 x 213 ends/ dm x picks/ dm
Weight	299 g/m ²
Thickness	0.330 mm
Colour	Green
Coating type	Silicone
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
127 cm	91 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- This cannot be slit to narrow widths.

Data Sheet

BLEEDER LEASE® E

Coated fibreglass fabric

DESCRIPTION

Bleeder Lease® E peel ply is a high temperature fabric coated with a silicone release agent. It provides superior release to plain peel plies because the coating prevents the fabric from bonding to the laminate while producing a textured surface. It will provide easy release from most prepregs and resin systems. All coated peel plies have the potential to transfer. It is a tightly woven fabric that has been used up to 427°C cures and releases from most resin systems and is ideal for use on polyimide and thermoplastic high temperature lay-ups.

BENEFITS

- Release coating reduces the effort required to remove peel ply from laminate
- Peel plies strip off of cured laminates leaving a textured surface, reducing time spent hand finishing.
- Tightly woven fibreglass retains its strength through high temperature use for easier removal after cure.

TECHNICAL DATA

Maximum use temperature	427°C
Fibre type	Fibreglass
Fabric construction: warp x fill	236 x 205 ends/ dm x picks/ dm
Weight	126 g/m ²
Thickness	0.107 mm
Colour	Green
Coating type	Silicone
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
127 cm	91 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- This cannot be slit to narrow widths.

Data Sheet

BLEEDER LEASE® G

Coated polyester peel ply

DESCRIPTION

Bleeder Lease® G peel ply is a high temperature fabric coated with a silicone release agent. It provides superior release to plain peel plies because the coating prevents the fabric from bonding to the laminate while producing a textured surface. It will provide easy release from most prepregs and resin systems. All coated peel plies have the potential to transfer. Bleeder Lease® G is a tightly woven coated polyester material that will release from the more difficult resin systems. The polyester adds strength, making removal easier.

BENEFITS

- Release coating reduces the effort required to remove peel ply from laminate.
- Strength of tighter weave aids removal after cure in most demanding applications.
- Polyester fibre provides additional strength and resistance to aggressive resins such as phenolics.

TECHNICAL DATA

Maximum use temperature	204°C
Fibre type	Polyester
Fabric construction: warp x fill	472 x 252 ends/ dm x picks/ dm
Weight	83 g/m ²
Thickness	0.127 mm
Colour	Green
Coating type	Silicone
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	91 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

SUPERLEASE BLUE

Coated nylon peel ply

DESCRIPTION

Superlease Blue peel ply is a high temperature fabric coated with a silicone release agent. It provides superior release to plain peel plies because the coating prevents the fabric from bonding to the laminate while producing a textured surface. It will provide easy release from most prepregs and resin systems. All coated peel plies have the potential to transfer. Superlease Blue is a tightly woven, coated nylon peel ply that releases well with most resin systems. It is a superior peel ply for resin infusion or other resin rich processes.

BENEFITS

- Release coating reduces the effort required to remove peel ply from laminate.
- Peel plies strip off of cured laminates leaving a textured surface, reducing time spent hand finishing.
- Fabric has been scoured to reduce need for removing contaminants off cured laminates.

TECHNICAL DATA

Maximum use temperature	232°C
Fibre type	Nylon
Fabric construction: warp x fill	409 x 342 ends/ dm x picks/ dm
Weight	62 g/m ²
Thickness	0.114 mm
Colour	Blue
Materials to avoid	Phenolic resins
Coating type	Silicone
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	91 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

ECONOSTITCH®

Non-coated nylon peel ply with red tracers

■ DESCRIPTION

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.

Our Econo peel plies are designed to work in resin infusion or hand lay-up processes. Econostitch® assists or eliminates the need for sanding or abrading on your composite laminate.

■ BENEFITS

- Peel plies strip off of cured laminates leaving a textured surface, reducing time spent hand finishing.
- Lower cost fabric reduces overall cost of vacuum bag process materials.
- Red pin stripes make fabric more visible to reduce risk of leaving in place after cure.

■ TECHNICAL DATA

Maximum use temperature	190°C
Fibre type	Nylon
Weight	88 g/m ²
Thickness	0.152 mm
Colour	White
Tracer	Red
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

■ SIZES

Width	Length	Packaging
152 cm	274 m	1 roll

■ NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Not recommended for use against phenolic resins.

Data Sheet

ECONOSTITCH® G

Polyester peel ply with black tracers

■ DESCRIPTION

Econostitch® G is an economical, heat set and scoured peel ply with good performance when used with both polyester and epoxy resins. It has black tracers with high visibility to reduce the risk of peel ply being left on the part.

Our Econo peel plies are designed to work in resin infusion or hand lay-up processes. Econostitch® G assists or eliminates the need for sanding or abrading on your composite laminate.

■ BENEFITS

- Peel plies strip off of cured laminates leaving a textured surface, reducing time spent hand finishing.
- Lower cost tightly woven fabric reduces material cost and is easier to remove, reducing labour cost.
- Black pin stripes make fabric more visible to reduce risk of leaving in place after cure.

■ TECHNICAL DATA

Maximum use temperature	190°C
Fibre type	Polyester
Weight	85 g/m ²
Thickness	0.127 mm
Colour	White
Tracer	Black
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

■ SIZES

Width	Length	Packaging
180 cm	200 m	1 roll

■ NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Watch a demo video of Econostitch® G in the "Media Center" on our website.

Data Sheet

ECONOPLY E

Non-coated, heavy duty polyester peel ply

DESCRIPTION

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 and hand lay-up. Econo peel plies assist or eliminate the need for sanding or abrading composite laminate.

BENEFITS

- Peel plies strip off of cured laminates leaving a textured surface, reducing time spent hand finishing.
- Lower cost fabric reduces overall cost of vacuum bag process materials.
- Heavy duty version is stronger to resist tearing in tougher applications.

TECHNICAL DATA

Maximum use temperature	149°C
Fibre type	Polyester
Weight	95 g/m ²
Thickness	0.152 mm
Colour	White
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	229 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

ECONOPLY J

Non-coated polyester peel ply

DESCRIPTION

Econoply J is a light weight, heat set and scoured polyester peel ply with a tight weave and good drapability.

Our Econo range of peel plies are high quality but inexpensive and developed for applications such as resin infusion and hand lay-up. Econo peel plies assist or eliminate the need for sanding or abrading composite laminate.

BENEFITS

- Peel plies strip off of cured laminates leaving a fine textured surface, reducing time spent hand finishing.
- Lower cost fabric reduces overall cost of vacuum bag process materials.
- Drapable weave style can be applied over multiple cured surfaces easily.

TECHNICAL DATA

Maximum use temperature	121°C
Fibre type	Polyester
Weight	54 g/m ²
Thickness	0.076 mm
Colour	White
Extractables	<0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm	91 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

ECONOLEASE

Coated nylon peel ply

■ DESCRIPTION

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.

■ BENEFITS

- Lower cost fabric reduces overall cost of vacuum bag process materials.
- Release coating reduces the effort required to remove peel ply from laminate.
- Peel plies strip off cured laminates leaving a fine textured surface, reducing time spent hand finishing.

■ TECHNICAL DATA

Maximum use temperature	204°C
Fibre type	Nylon
Weight	61 g/m ²
Thickness	0.101 mm
Colour	Light blue
Coating type	Silicone
Shelf life	Unlimited when stored in original packaging at 22°C

■ SIZES

Width	Length	Packaging
152 cm	91 m	1 roll

■ NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.
- Certain phenolic resins will adhere to this product. Tygavac recommends testing prior to use.

Data Sheet

TFG 075

Non-porous PTFE coated glass fabric

DESCRIPTION

TFG 075 is a non-porous, premium PTFE coated glass fabric with medium gloss coating suitable for most standard moulding applications.

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

TFG 075/1 is a super smooth, premium quality non-porous PTFE coated glass fabric with a high gloss coating. Suitable for moulding applications where a very high quality of surface finish is required.

BENEFITS

- Non-porous hard wearing release sheet for moulding flat and simple shaped parts.
- Can be used multiple times to help reduce consumable usage and time spent cutting materials.
- Provides a smooth high gloss finish on moulded parts, reducing time spent hand finishing.

TECHNICAL DATA

Maximum use temperature	260°C
Fibre type	PTFE Coated Fibreglass
Nominal thickness	75 µm
Colour	Brown
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
1 m	100 m	1 roll

- Alternative widths available on request. MOQ may apply.

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation. This does not affect product performance.

Data Sheet

TFG 125

Non-porous PTFE coated glass fabric

DESCRIPTION

TFG 125 is a non-porous, premium PTFE coated glass fabric with medium gloss coating suitable for most standard moulding applications.

TFG S 125 is a general purpose non-porous PTFE coated glass fabric with medium gloss coating suitable for consideration when cost is a prime factor.

TFG 125/1 is a super smooth, premium quality non-porous PTFE coated glass fabric with a high gloss coating. Suitable for moulding applications where a very high quality of surface finish is required.

TFG 125/3 is an anti-static quality non-porous PTFE coated glass fabric with medium gloss coating.

BENEFITS

- Non-porous hard wearing release sheet for moulding flat and simple shaped parts.
- Can be used multiple times to help reduce consumable usage and time spent cutting materials.
- Provides a smooth high gloss finish on moulded parts, reducing time spent hand finishing.

TECHNICAL DATA

Maximum use temperature	260°C
Fibre type	PTFE Coated Fibreglass
Nominal thickness	125 µm
Colour	Brown
	Black- TFG 125/3
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
1 m	100 m	1 roll

- Alternative widths available on request. MOQ may apply.

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation. This does not affect product performance.

Data Sheet

TFG 250

Non-porous PTFE coated glass fabric

DESCRIPTION

TFG 250 is a non-porous, premium PTFE coated glass fabric with medium gloss coating suitable for most standard moulding applications.

TFG S 250 is a general purpose non-porous PTFE coated glass fabric with medium gloss coating suitable for consideration when cost is a prime factor.

TFG 250/1 is a super smooth, premium quality non-porous PTFE coated glass fabric with a high gloss coating. Suitable for moulding applications where a very high quality of surface finish is required.

TFG 250/3 is an anti-static quality non-porous PTFE coated glass fabric with medium gloss coating.

BENEFITS

- Non-porous hard wearing release sheet for moulding flat and simple shaped parts.
- Can be used multiple times to help reduce consumable usage and time spent cutting materials.
- Provides a smooth high gloss finish on moulded parts, reducing time spent hand finishing.

TECHNICAL DATA

Maximum use temperature	260°C
Fibre type	PTFE Coated Fibreglass
Nominal thickness	250 µm
Colour	Brown
	Black- TFG/250/3
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
1 m	100 m	1 roll

- Alternative widths available on request. MOQ may apply.

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation. This does not affect product performance.

Data Sheet

TFG 075P & TFG S075P

Porous PTFE coated glass fabric

DESCRIPTION

TFG 075P and TFG S075P 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. TFG 075P is a premium quality fabric, while TFG S075P is more of a general purpose quality fabric.

BENEFITS

- Porous PTFE coating makes fabric much easier to remove off of cured laminates, resulting in time saved.
- Strips off cured laminates leaving a textured surface, reducing time spent hand finishing.
- Fibreglass retains its strength through high temperature use for easier removal after cure.

TECHNICAL DATA

Maximum use temperature	260°C
Fibre type	PTFE Coated Fibreglass
Thickness	75 µm
Colour	Brown
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
1 m	100 m	1 roll

- Alternative widths available on request. MOQ may apply.

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation. This does not affect product performance.

Data Sheet

TFG 125TR

Non-porous PTFE coated glass fabric

DESCRIPTION

TFG 125TR is a non-porous, PTFE coated tear resistant glass fabric with medium gloss coating suitable for most standard moulding applications.

BENEFITS

- Non-porous hard wearing release sheet for moulding flat and simple shaped parts.
- Can be used multiple times to help reduce consumable usage and time spent cutting materials.
- Provides a smooth high gloss finish on moulded parts, reducing time spent hand finishing.

TECHNICAL DATA

Maximum use temperature	260°C
Fibre type	PTFE Coated Fibreglass
Nominal Thickness	125 µm
Colour	Brown
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
1 m	100 m	1 roll

- Alternative widths available on request. MOQ may apply.

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation. This does not affect product performance.

Data Sheet

TFG 125P

Porous PTFE coated glass fabric

DESCRIPTION

TFG 125P bleed out fabrics are porous, PTFE coated glass fabrics which will provide release from all conventional resin systems. Porous products allow excess resin, volatiles and trapped air to escape into the breather during cure while non-porous products will retain resin.

BENEFITS

- Porous PTFE coating makes fabric much easier to remove off of cured laminates, resulting in time saved.
- Strips off cured laminates leaving a textured surface, reducing time spent hand finishing.
- Fibreglass retains its strength through high temperature use for easier removal after cure.

TECHNICAL DATA

Maximum use temperature	260°C
Fibre type	PTFE Coated Fibreglass
Nominal thickness	125 µm
Colour	Brown
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
1 m	100 m	1 roll

- Alternative widths available on request. MOQ may apply.

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation. This does not affect product performance.

Data Sheet

TFG 250P

Porous PTFE coated glass fabric

DESCRIPTION

TFG 250P 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.

BENEFITS

- Porous PTFE coating makes fabric much easier to remove off of cured laminates, resulting in time saved.
- Strips off cured laminates leaving a textured surface, reducing time spent hand finishing.
- Fibreglass retains its strength through high temperature use for easier removal after cure.

TECHNICAL DATA

Maximum use temperature	260°C
Fibre type	PTFE Coated Fibreglass
Nominal thickness	250 µm
Colour	Brown
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
1 m	100 m	1 roll

- Alternative widths available on request. MOQ may apply.

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation. This does not affect product performance.

Data Sheet

RELEASE EASE® 234 TFP

Porous PTFE coated fibreglass fabric

DESCRIPTION

Release Ease® PTFE coated fibreglass fabrics 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. Release Ease® products have a continuous service temperature to 288°C.

BENEFITS

- Porous PTFE coating makes fabric much easier to remove off of cured laminates, resulting in time saved.
- Release Ease® strips off cured laminates leaving a textured surface, reducing time spent hand finishing.
- Fibreglass retains its strength through high temperature use for easier removal after cure.

TECHNICAL DATA

Maximum use temperature	288°C
Fibre type	Fibreglass
Thickness	0.060 mm
Colour	Brown
Coating type	PTFE
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
97 cm	91 m	1 roll
127 cm	91 m	1 roll
152 cm	91 m	1 roll

- Other sizes available on special request. Minimum order may apply.

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation and does not affect performance.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

RELEASE EASE® 234 TFP-HP

Highly porous PTFE coated fibreglass fabric

DESCRIPTION

Release Ease® 234 TFP-HP is a glass fabric with a reduced PTFE content for increased porosity. Release Ease® PTFE coated fibreglass fabrics 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. Excellent with resin infusion processing. Release Ease® products have a continuous service temperature to 288°C.

BENEFITS

- Porous PTFE coating makes fabric much easier to remove off of cured laminates, resulting in time saved.
- High porosity version improves air flow for improved part quality when moulding prepreg parts.
- Improved resin flow through high porosity version improves part quality for infusion process.

TECHNICAL DATA

Maximum use temperature	288°C
Fibre type	Fibreglass
Thickness	0.076 mm
Colour	Brown
Coating type	PTFE
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
97 cm	91 m	1 roll

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation and does not affect performance.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

RELEASE EASE® 234 TFP-1

Thin porous PTFE coated fibreglass fabric

DESCRIPTION

Release Ease® 234 TFP-1 is a porous glass fabric with a reduced thickness of 40 µm. Release Ease® PTFE coated fibreglass fabrics 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. Release Ease® products have a continuous service temperature to 288°C.

BENEFITS

- Thin Release Ease® version conforms more easily to shape and reduces resin bleed out.
- Porous PTFE coating makes fabric much easier to remove off of cured laminates, resulting in time saved.
- Release Ease® strips off of cured laminates leaving a textured surface, reducing time spent hand finishing.

TECHNICAL DATA

Maximum use temperature	288°C
Fibre type	Fibreglass
Thickness	0.040 mm
Colour	Brown
Coating type	PTFE
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
97 cm	91 m	1 roll

- Other sizes available on special request. Minimum order may apply.

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation and does not affect performance.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

RELEASE EASE® 234 TFNP

Non-porous PTFE coated fibreglass fabric

■ DESCRIPTION

Release Ease® 234 TFNP is a non-porous glass fabric. Release Ease® PTFE coated fibreglass fabrics 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. Release Ease® products have a continuous service temperature to 288°C.

■ BENEFITS

- Non-porous hard wearing release sheet for moulding flat and simple shaped parts.
- Can be used multiple times to help reduce consumable usage and time spent cutting materials.
- Provides a smooth high gloss finish on moulded parts, reducing time spent hand finishing.

■ TECHNICAL DATA

Maximum use temperature	288°C
Fibre type	Fibreglass
Thickness	0.075 mm
Colour	Brown
Coating type	PTFE
Shelf life	Unlimited when stored in original packaging at 22°C

■ SIZES

Width	Length	Packaging
100 cm	100 m	1 roll

- Other sizes available on special request. Minimum order may apply.

■ NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation and does not affect performance.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

RELEASE EASE® 236 TFNP

Non-porous PTFE coated fibreglass fabric with increased thickness

DESCRIPTION

Release Ease® 236 TFNP is a non-porous glass fabric with increased thickness and PTFE content to reduce fabric mark-off. Release Ease® PTFE coated fibreglass fabrics 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. Release Ease® products have a continuous service temperature to 288°C.

BENEFITS

- Non-porous robust release sheet for moulding flat and simple shaped parts.
- Can be used multiple times to help reduce consumable usage and time spent cutting materials.
- Provides a smooth high glass finish on moulded parts, reducing time spent hand finishing.

TECHNICAL DATA

Maximum use temperature	288°C
Fibre type	Fibreglass
Thickness	0.152 mm
Colour	Brown
Coating type	PTFE
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
97 cm	91 m	1 roll

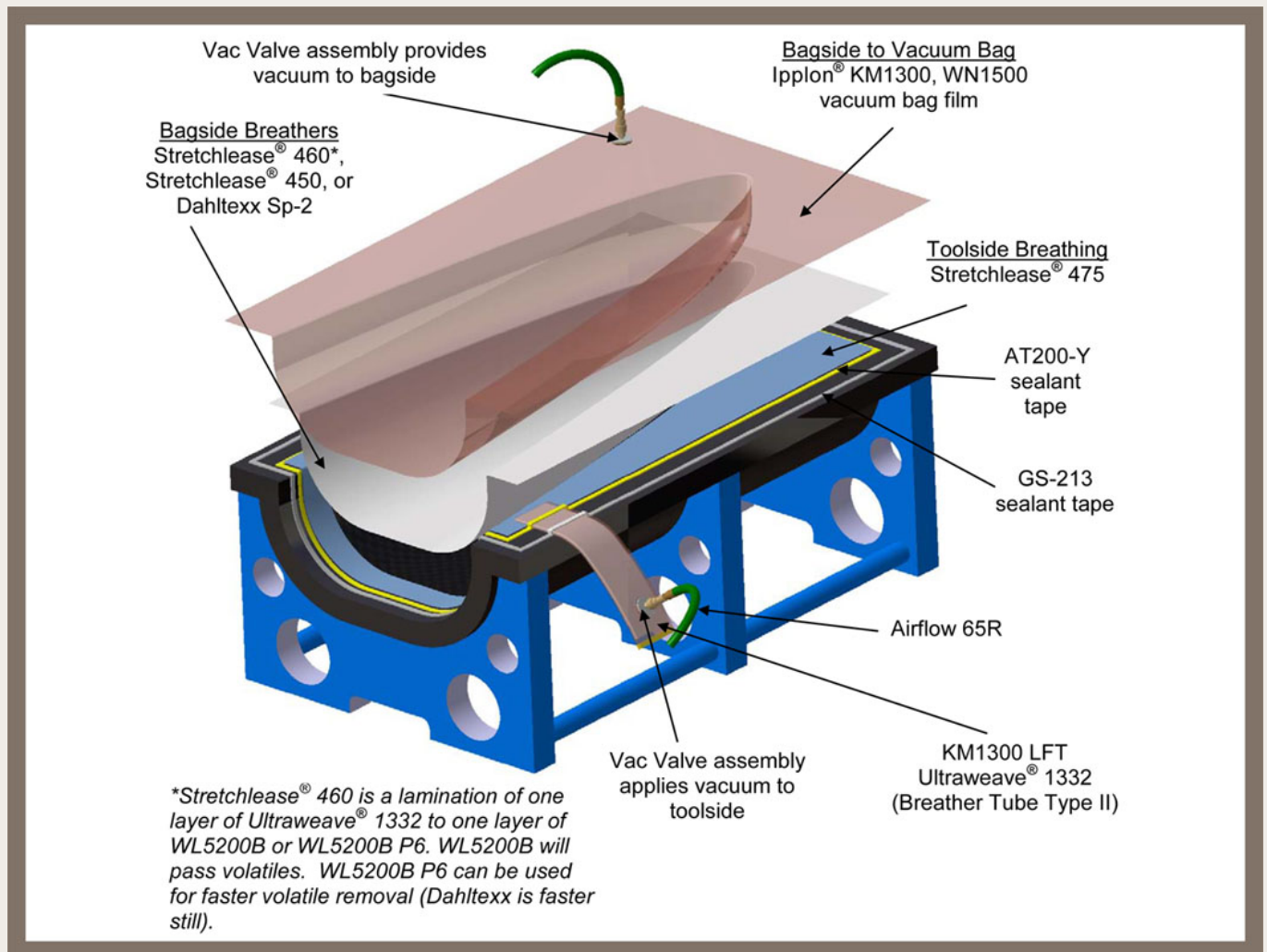
- Other sizes available on special request. Minimum order may apply.

NOTES

- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.
- Colour is subject to slight variation and does not affect performance.
- Hot knife (sealed edge) slitting upon request with 1 roll as minimum order quantity.

Data Sheet

BAGSIDE AND TOOLSIDE BREATHING



Last updated : 2015-07-01

Catalogue position : [Release fabrics / Peel plies](#)

Data Sheet

DAHLTEXX® SP-2

Air permeable resin barrier material

DESCRIPTION

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

BENEFITS

- Improve laminate quality by releasing trapped air from resin infusions.
- Reduce resin waste by blocking resin flow into vacuum manifolds.
- Infuse more complex parts faster and with simpler resin flow lines.

TECHNICAL DATA

Fibre type	Nylon
Maximum use temperature	177°C
Weight	140 g/m ²
Colour	Light blue fabric side / White membrane side
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
147 cm	150 m	1 roll

NOTES

- In order to achieve release from a cured laminate, the membrane should be placed fabric side down as the membrane side is not self releasing (*see previous page - "Bagside and Toolside Breathing"*).
- The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, Tygavac recommends testing prior to use.

Important Notice - Provided at the request of Airbus

Dahltextx SP-2 must not be used for the so-called VAP® process patented by **AIRBUS** Defense and Space GmbH (European Patent EP 1 181 149B1 and international counterparts in the following countries: Austria, Belgium, Germany, Spain, Finland, United Kingdom, Italy, the Netherlands, Portugal, Sweden, USA, Canada, Brazil, Australia, South Korea, Indonesia, Japan, China, Russia, Turkey, and France). Offenders will be held liable for the payment of damages.

Last updated : 2018-10-09

Catalogue position : [Release fabrics / Peel plies](#)