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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 contaminates 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 (0,005 inch)
Colour	White
Extractables	<0,5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
152 cm (60 inches)	229 m (250 yards)	1 roll

NOTES

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

Last updated : 2021-04-13

Catalogue position : Release fabrics / Peel plies

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