

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 fiber 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 (0,006 inch)
Colour	White
Extractables	<0,5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C

SIZES

Width	Length	Packaging
117 cm (46 inches)	229 m (250 yards)	1 roll
152 cm (60 inches)	229 m (250 yards)	1 roll
152 cm (60 inches)	200 m (219 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.