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Data Sheet

RELEASE PLY A & RELEASE PLY SUPER A

Non-coated nylon peel ply

DESCRIPTION

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. These fabrics are scoured, and heat set to remove contaminates and reduce shrinkage.

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

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.
- Heavy duty version of Release Ply A is stronger to resist tearing in tougher applications.

TECHNICAL DATA

	Release Ply A	Release Ply Super A
Maximum use temperature	232°C (450°F)	232°C (450°F)
Fibre type	Nylon	Nylon
Fabric construction: warp x fill	158 x 158 ends/ dm x picks/ dm (40 x 40 ends/in x picks/in)	315 x 244 ends/ dm x picks/ dm (80 x 62 ends/in x picks/in)
Weight	80 g/m^2 (2.34 oz/yd^2)	139 g/m^2 (4.10 oz/yd^2)
Thickness	0.152 mm (0.006 inch)	0.228 mm (0.009 inch)
Colour	Off-white	Off-white
Extractables	< 0.5 % by weight	< 0.5 % by weight
Shelf life	Unlimited when stored in original packaging at 22°C (72°F)	

SIZES

	Width	Length	Packaging
Release Ply A	152 cm (60 inches)	200 m (219 yards)	1 roll
Release Ply Super A	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.
- Not recommended for use against phenolic resins.

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Catalogue position : Release fabrics / Peel plies

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