

AeroFilm™ PP180



Key Features

- Very cost-effective
- Good tear strength for removal
- Red tracers to remain visible

Product Description

AeroFilm™ PP180 is an economical polyester peel ply suitable for vacuum bagging of wet-lay laminates, resin infusion and hand-layup applications. It is compatible with a wide range of resin systems including epoxy, polyester and vinylester.

PP180 is a tightly woven white fabric with red 'tracer' lines, still visible after wet-out, to reduce the risk of the peel ply being accidentally left on the cured laminate.

Recommended Uses

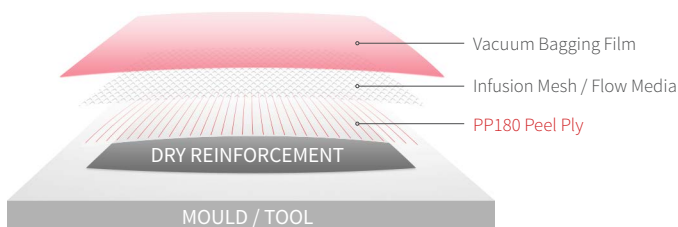
- Resin infusion (epoxy, polyester or vinylester)
- Vacuum bagged wet-lay
- Hand-layup, where secondary bonding is required

Typical Use

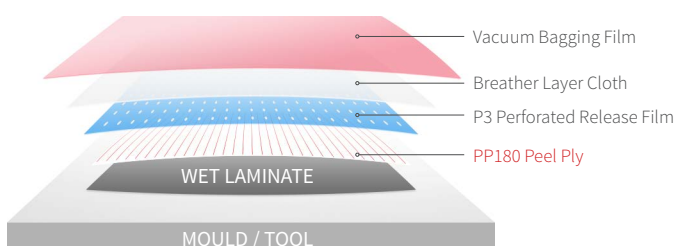
Peel ply is most commonly used to create a textured surface on a laminate ideal for secondary laminating/bonding or to act as a porous, removable barrier between the laminate and other bagging consumables for processes such as resin infusion.

Being a porous layer, peel ply allows the vacuum to bleed trapped air and volatiles out of the laminate and so finds applications in wet-lay vacuum bagging, resin infusion and some prepreg laminating.

Example Stack: Resin Infusion



Example Stack: Vacuum Bagged Wet Layup



Specification

Property	Units	Value
Material	-	Polyester
Width	mm	1520 (-0 +2%)
Format	-	Single Sheet
Areal Weight	g/cm ²	85 ± 5%
Maximum Use Temperature	°C	180
Appearance	-	White with red tracer

Alternative Widths & Formats

PP180 is held in stock at the 1.52m width. Special widths (and formats) may be available for large orders, subject to a minimum order quantity.

Handling & Storage

PP180 is a stable polyester material with no special handling or storage requirements.

Disclaimer

This data is not to be used for specifications. Values listed are for typical properties and should not be considered minimum or maximum.

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