

## 300°F Release Film

For Wet Bagging, Hand Lamination, and Prepreg

### Product Number

PV-45-P3

### Description

A mid-temperature range, highly flexible polypropylene-based release film. The P3 perforation pattern is great for use in wet bagging, hand lamination, and prepreg processing of advanced composite structures. The perforations are in hot needled to ensure even resin saturation throughout the laminate. It is suitable for use with epoxy prepregs up to 300°F (150°C) and is compatible with a wide range of epoxy, polyester and vinyl ester resin systems.



### Technical Data

Film Property	PV-45-P3		Test Standard
Density	0.89-0.91 g/cm <sup>3</sup>	0.51 – 0.53 oz/in <sup>3</sup>	ASTM D1505/ISO/R 1183
Thickness	30 µm ± 10%	1.18 mil ± 10%	ISO 4593
Width	1.5 m	5'	
Length	250 m	820'	
Perforations	P3 (0.4mm dia. holes/ 10mm)	P3 (.016" dia. holes/25/64")	
Tensile Strength MD	60 MPa ± 10%	8702 psi ± 10%	ASTM D882
Tensile Strength TD	35 MPa ± 10%	5076 psi ± 10%	ASTM D882
Elongation Strength MD	480% ± 10%		ASTM D882
Elongation Strength TD	780% ± 10%		ASTM D882
Maximum Use Temp*	153°C	307°F	ISO 306
Color	Yellow		

*\*Maximum use temperature is process-specific; we recommend tests be performed on the peel ply prior to use at elevated temperatures.*

### Packaging and Storage

Film is packaged in strong bubble wrap. Store in original packaging.



## Perforation Patterns

PV-45-P3

