

General Purpose Vacuum Bag Film

For Low-Temp Cure Up to 120°C (248°F)

Product Numbers

PV-150-2, PV-150-4, PV-150-6, and PV-150-8

Description

A tough, puncture resistant co-extrusion of polyolefin and nylon based resins. Use in the production of epoxy and polyester/vinyl ester resin infused components for the wind energy, marine, and general composite industries. Limited sensitivity to low humidity levels which are often problematic to predominately nylon based films as lack of moisture can reduce flexibility. PRO-VAC 150 ensures consistent performance year-round in all workshop environments.



Pre-production trials are recommended to confirm suitability of PRO-VAC Vacuum Consumables with your unique laminate schedules and processes.

Technical Data

Film Property	PV-150-2		PV-150-4		PV-150-6		PV-150-8		Test Standard
Thickness	75 µm +/- 10%	2.95 mil	75 µm +/- 10%	2.95 mil	75 µm +/- 10%	2.95 mil	75 µm +/- 10%	2.95 mil	ISO 4593
Width	2 m	6.5'	4 m	13'	6 m	19.5'	8 m	26'	
Elongation Strength, MD	470% +/- 10%		470% +/- 10%		470% +/- 10%		470% +/- 10%		ASTM D882
Elongation Strength, TD	500% +/- 10%		500% +/- 10%		500% +/- 10%		500% +/- 10%		ASTM D882
Tensile Strength, MD	37 N/mm ² +/- 10%		37 N/mm ² +/- 10%		37 N/mm ² +/- 10%		37 N/mm ² +/- 10%		ASTM D882
Tensile Strength, TD	33 N/mm ² +/- 10%		33 N/mm ² +/- 10%		33 N/mm ² +/- 10%		33 N/mm ² +/- 10%		ASTM D882
Tear Strength, MD	1.3 N +/- 10%		1.3 N +/- 10%		1.3 N +/- 10%		1.3 N +/- 10%		ISO 6383-1
Tear Strength, TD	1.5 N +/- 10%		1.5 N +/- 10%		1.5 N +/- 10%		1.5 N +/- 10%		ISO 6383-1
Max Use Temp	120°C	248°F	120°C	248°F	120°C	248°F	120°C	248°F	
Color	Light Green		Light Green		Light Green		Light Green		

Packaging and Storage

Store PV-150 in its original packaging. Standard packaging is a strong bubble wrap. This film contains a significant percentage of nylon which is hydrophobic. The film's characteristics may change depending on workshop and storage environment. The lower the humidity level, the stiffer the film will feel.

