

Autoclave Vacuum Bag Film

For oven and autoclave

Product Number

PV-215

Description

A highly flexible multilayer nylon vacuum bagging film designed for processing of advanced composite structures such as wind turbine blades and nacelles, boat hulls and decks, and other industrial structures as well as laminated security glass. This film is ideal for use in both oven and autoclave cures up to a maximum recommended temperature of 338°F (170°C). Key benefits of this film are its high elongation and flexibility.

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-215		Test Standard
Thickness	50 µm ±10%	1.97 mil ± 10%	ISO 4593
Width	4m	13'	
Length	200m	656'	
Elongation, MD	450% ± 10%		ASTM D882
Elongation, TD	470% ± 10%		ASTM D882
Tensile Strength, MD	60 MPa ± 10%	8702 PSI ±10%	ASTM D882
Tensile Strength, TD	55 MPa ± 10%	7977 PSI ± 10%	ASTM D882
Max Use Temp	170°C	338°F	
Color	Red		

Packaging and Storage

Standard packaging is a strong bubble wrap. Store PV-215 in its original packaging.

PV-215 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.

