

Vacfilm® 450V

Vacuum bagging film

Ideally suited to aerospace and wind energy applications

Features

- Tough but flexible co-extruded vacuum bagging film.
- Suitable for high pressure autoclave cures up to temperature of 170°C (338°F).
- Ideally suited for use with medium temperature epoxy and phenolic prepregs.

Properties

Maximum use temperature	170°C (338°F)		
Colour	Violet		
Tensile strength at break (ASTM D882)	Transverse direction	42MPa	6092PSI
	Machine direction	45MPa	6537PSI
Elongation at break (ASTM D882)	Transverse direction	410%	
	Machine direction	400%	
Yield	50µm (0.002in)	19.12m ² /kg	10.37yd ² /lb
	75µm (0.003in)	12.74m ² /kg	6.91yd ² /lb

Availability

Thickness	50 and 75µm	0.002 and 0.003in
Roll weight	Up to 45kg	Up to 100lbs
Widths	Up to 5.5m (open)	Up to 216in (open)
Formats available	Tube, sheet, V sheet, gusseted and C-fold	

Storage

Vacfilm 450V is a hydrophilic material. Moisture and water act as plasticisers. The level of moisture content at time of use is therefore an important factor for successful performance. The higher the moisture content the more flexible they become. Conversely at lower moisture levels flexibility is limited.

Do not store rolls vertically on their ends.

Health & safety

Handling of these products must conform to individual company guidelines and health and safety regulations.

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