



TECHNICAL DATA SHEET

SK2VF170-4

Multilayer vacuum bagging film for wind energy

► DESCRIPTION

SK2VF170-4 vacuum bagging film is a tough, high temperature resistant co extruded nylon-based multilayer material, which is designed for use in the production of advanced composite structures such as wind turbine blades and nacelles, boat hulls and decks, plus other industrial structures. The film is for use in both resin infusion and prepreg moulding applications and is resistant to all commonly used resin systems for double bag solution.

This film is not suitable for use in autoclave processing of composites.

► TECHNICAL DATA

Material type:	Multilayer	Test method
Color:	Violet	
Elongation at break:	360%	ASTM D882
Tensile strength:	40MPa	ASTM D882
Maximum use temperature:	177°C	
Materials to avoid:	Phenolic resins / Strong oxidizers	

► SIZE (STANDARD)

Thickness	Width	Folding shape
50µm	3000mm	CF
	4000mm	CF
65µm	3000mm	CF
	4500mm	CF
	6000mm	LGS

Shelf life: unlimited.

Storage conditions: recommended temperatures between +5°C and +25°C in original packing, protected from direct sun and heat source. Because it's structure and nature SK2VF170-4 is a quite stiff film and needs some conditioning before use at a reasonable level of humidity in the workshop.

► NOTE

Maximum width available 8 m (LGS). Other widths and colors are available under request depending on the volume of order. This product can be recycled.