



TECHNICAL DATA SHEET

SK2VF170-2

Multilayer vacuum bagging film

► DESCRIPTION

SK2VF170-2 vacuum bagging film is a tough, high temperature resistant co extruded nylon-based 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 ideal for use in both resin infusion and prepreg moulding applications and is resistant to all commonly used resin systems.

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

► TECHNICAL DATA

| | | Test method |
|--------------------------|------------------------------------|-------------|
| Material type: | Multilayer | |
| Color: | Blue | |
| Elongation at break: | 405% | ASTM D882 |
| Tensile strength: | 54MPa | ASTM D882 |
| Maximum use temperature: | 177°C | |
| Materials to avoid: | Phenolic resins / Strong oxidizers | |

► STANDARD SIZES

| Thickness | Width | Length | Folding shape |
|------------|---------|--------|---------------|
| 50µm ± 10% | 2000mm | 250m | SHT or CF |
| | 3000mm | 250m | CF |
| | 4000mm | 150m | CF |
| | 6000 mm | 130m | LGS |
| | 8000mm | 75m | LGS |
| | 10500mm | 75m | LGS |
| 12000mm | 75m | LGS | |
| 65µm ± 10% | 2000mm | 250m | SHT or CF |



TECHNICAL DATA SHEET

SK2VF170-2

Multilayer vacuum bagging film

| | | | |
|------------|---------|------|-----------|
| | 3000mm | 250m | CF |
| | 4000mm | 150m | CF |
| | 6000 mm | 130m | LGS |
| | 8000mm | 75m | LGS |
| | 10500mm | 75m | LGS |
| | 12000mm | 75m | LGS |
| 75µm ± 10% | 2000mm | 250m | SHT or CF |
| | 3000mm | 250m | CF |
| | 4000mm | 150m | CF |
| | 6000 mm | 130m | LGS |
| | 8000mm | 75m | LGS |
| | 10500mm | 75m | LGS |
| | 12000mm | 75m | LGS |

Shelf life: unlimited.

Storage conditions: recommended temperatures between +5°C and +25°C in original packing, protected from direct sun and heat source.

► NOTE

Other lengths are available under request.

Other colors are available under request.

Width up to 12 meters wide. Film up to 4,6m wide supplied in sheet and V sheet.

Widths 6m and above supplied gusseted, centrally slit.

Folding shapes: SHT- sheet, CF - centerfold, LGS- lay-gusseted slit. For more information, please read the technical information page: SK2VF_Folding shape.