



TECHNICAL DATA SHEET

SK2VF120-1

Multilayer vacuum bagging film

► DESCRIPTION

SK2VF120-1 is a tough, puncture resistant co-extrusion of nylon and polyolefin based resins vacuum film, which is designed for use in the production of polyester / vinylester resin infused components for the wind energy, marine and general composite industries.

The product can be used in the production of epoxy resins prior to testing chemical resistance with specific resin.

It is particularly interesting due to its limited sensitivity to low humidity levels which are often problematic to predominantly nylon based films as the lack of moisture can reduce flexibility. This ensures consistent yearlong performance in all workshop environments.

This product is used in various manufacturing processes of parts made of composite materials.

► TECHNICAL DATA

Test method

| | | |
|----------------------------|------------|-----------|
| Material type: | Multilayer | |
| Color: | Green | |
| Tensile strength at break: | 39,3 MPa | ASTM D882 |
| Elongation at break : | 460% | ASTM D882 |
| Tear strength: | 1,5 N | ISO1683-1 |
| Maximum use temperature: | 120°C | |

► SIZES OF FILMS

| Thickness | Width | Length | Folding shape |
|------------|---------|--------|---------------|
| 75µm ± 10% | 2000mm | 400m | SHT |
| | 4000mm | 200m | CF |
| | 6000mm | 105m | LGT |
| | | 125m | LGT |
| | 8000mm | 80m | LGT |
| 80µm ± 10% | 10000mm | 75m | LGT |
| | 12000mm | 75m | LGT |
| | 16000mm | 30m | LGT |
| | | 70m | LGT |

Shelf life: unlimited.

Storage conditions: it is recommended to store at temperatures between +10°C and +30°C in original packing, protected from direct sun and heat source.



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► **NOTE**

For the roll with width 16000mm other lengths are available under request.

Folding shapes: SHT - sheeting, CF - centerfold, LFT = lay-flat tubing, LGT- lay-gusseted tubing.
For more information, please read the technical information page: SK2VF_Folding shape.