

VAC170 O Tube Vacuum foil

Item number: 02602 00050



Technical data

Description **VAC 170 O Tube** is an orange coloured, highly flexible multilayer nylon vacuum bagging film designed for processing of advanced composite structures. The film is ideal for oven and autoclave curing, up to a maximum recommended temperature of 170°C and a maximum recommended pressure of 8 bar. Key benefits of this film are its high elongation and flexibility. VAC 170 O is suitable for use with low temperature phenolic prepregs, typically curing at 135°C.

Maximum use temperature: 170°C

The vacuum foil VAC 170 O is available as:

- > Thickness 50 µm, 65 µm & 75 µm
- > Size Available from 86 mm 3.500 mm lay flat or V-sheet.
Available 2.400 mm to 6.000 mm gusseted centrally slit.

Product	Thickness: 50 µm	Width: 2,00 m	Roll length: 250 lin m
Properties	Characteristics		Test Method
Density	1,05 g/m ³		internal
Product width	0,70 m	-0/+2 %	internal
Thickness	50 µm	±10 %	ISO 4593
Tensile Strength at break	MD*: 65 N/mm ² TD*: 60 N/mm ²	±10 %	ASTM D882
Elongation at break	MD*: 360 % TD*: 370 %	±10 %	ASTM D882
Colour	Orange		*) MD: Machine direction TD: Transverse direction

Note: The above values are to be understood as reference only. For any additional advice on the film's suitability in specific applications contact COMPOSYST GmbH technical department.

Storage: To be stored in original packaging only.
Ambient temperature between +5°C and +40°C, relative humidity RH between 25 % and 60 %, Covered area protected from direct sunlight and UV light/radiation sources.

The values presented in this data sheet are typical values and are not to be interpreted as product specifications. The purchaser is not released from the obligation to inspect the incoming goods. Test findings do not indicate the suitability of the product for a concrete application.