

Stretch-Vac® 6000

Vacuum bagging film

Ideally suited to aerospace applications

Features

- Heat stabilized vacuum bagging film with a high elongation.
- Suitable for high temperature autoclave curing of aerospace composites, including BMIs for cure temperatures up to 215°C/419°F.
- Recommended for bagging applications where a higher softness is required.
- Not recommended for use with phenolic resins or strong oxidisers.

Properties

Maximum use temperature	215°C/419°F		
Colour	Clear and Pink		
Density	1.14g/cm ³ (0.65oz/in ³)		
DSC - medium	222.5°C (432.5°F)		
Tensile strength at break (ASTM D882)	Transverse and Machine directions	110MPa	15954psi
Elongation at break (ASTM D882)	Transverse direction	580%	
	Machine direction	600%	

Availability

Thickness	50 and 70 µm	0.0019 and 0.0029in
Roll weight	Up to 150kg	Up to 330lbs
Widths	Request up to 7.0m (open)	Request up to 275in (open)
Formats available	Layflat tube or C-folded	

Maximum use temperature is dependent on the duration and the specific process where it is used. Cytec strongly recommends testing prior to use.

Storage

In order to preserve the properties and the convertibility of films, some storage conditions are recommended:

Nylon based films are sensitive to humidity. A high humidity level will act as plasticiser, making the film more flexible and softer, while a low humidity level will cause the film to become stiff.

To preserve the integrity of the materials when stored in their original packaging, it is advisable not to stack more than two pallets. Do not store rolls vertically on their ends. Conditioning the film for 24 hours in the working environmental is recommended prior to use. In any case, outside the warranty period of use of the product, no shelf life limitations were experienced.

Health & safety

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

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