

# VACFILM 450V

## Vacuum bagging film



Tel: +44 (0) 1274 550500  
Fax: +44 (0) 1274 550501  
Email: [sales@aerovac.com](mailto:sales@aerovac.com)  
Website: [www.aerovac.com](http://www.aerovac.com)

- Tough but flexible co-extruded vacuum bagging film.
- Suitable for high pressure autoclave cures up to temperatures of 170°C.
- Ideally suited for use with medium temperature epoxy and phenolic pre-pregs.

### PHYSICAL PROPERTIES

- Maximum use temperature 170°C
- Colour Violet
- Tensile strength at break (ASTM D882) 45MPa (machine direction)  
42MPa (transverse direction)
- Elongation at break (ASTM D882) 400% (machine direction)  
410% (transverse direction)
- Yield 19.12m<sup>2</sup>/kg (50μ)  
12.74m<sup>2</sup>/kg (75μ)

### AVAILABILITY & PACKAGING

- Thicknesses (nominal) 50μ, 75μ, 100μ, 125μ
- Roll weight (nominal) Up to 45kg
- Widths A comprehensive range of widths is available from 50mm to 8.66m
- Formats available Tube, sheet, V-sheet, gusset

### STORAGE & HANDLING

- VACFILM 450V is a hydrophilic material. Moisture and water act as plasticisers. The level of moisture content at time of use is therefore an important factor for successful performance.
- All nylon films absorb water. The higher the moisture content the more flexible they become. Conversely at lower moisture levels flexibility is limited.
- Do not store rolls vertically on their ends.
- Handling of these products must conform to individual company guidelines and health and safety regulations.

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All statements, technical information and recommendations contained in this publication are based on tests believed to be reliable, but their accuracy and/or completeness are not guaranteed. The user shall determine the suitability for this particular purpose and shall assume all risk and liability in connection herewith. All values stated are nominal. For further details about tolerances please contact Aerovac Systems quality department.

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