

# Vacfilm 400Y

- A high strength, high elongation bagging film for low temperature vacuum bagging applications.
- A multilayer co-extruded product with excellent resistance to polyester, vinylester and epoxy resins
- Currently the widest vacuum bagging film available on the market and is ideal for use in the production of marine and wind energy structures
- Vacfilm 400Y is not suitable for use in auto clave cure cycles

## TYPICAL PRODUCT DATA

- Maximum Use Temperature 150°C
- Colour Yellow

| TEST                      | U.M.               | METHOD     | VALUE                               |
|---------------------------|--------------------|------------|-------------------------------------|
| Density                   | g/cm <sup>3</sup>  | ASTM D1505 | 50 microns 1.048<br>75 micron 1.034 |
| Yield                     | m <sup>2</sup> /Kg | Internal   | 50 micron 19.08<br>75 micron 12.90  |
| Tensile strength at break | N/mm <sup>2</sup>  | ASTM D882  | 40 ± 10%                            |
| Elongation at break       | %                  | ASTM D882  | 400 ± 10%                           |

## AVAILABILITY & PACKAGING

- Widths from 2m to 4m lay flat tube and slit tube
- Thickness 50 and 75 microns

## STORAGE & HANDLING

- VACFILM400Y is a hydrophilic material. Moisture and water act as plasticizers. The level of moisture content at time of use is therefore an important criteria for successful performance.
- All nylon films absorb water, the higher the moisture content the more flexible they become, conversely at low moisture levels flexibility is limited. Vacfilm 400Y is despatched with an optimum moisture content to provide maximum performance and handleability. To preserve these characteristics during storage the roll should be wrapped in polyethylene and stored at around 65% RH and 20°C

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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 of the product for this particular purpose and shall assume all risk and liability in connection herewith.

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