

# ELASTOMAX

## 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)

- Premium product with the best combination of strength and elongation.
- Modified nylon vacuum bagging film with high elongation and conformability.
- Ideal for complex tooling geometry.
- Suitable for autoclave use at elevated temperatures and pressure.
- Widely used in the motorsport industry.

#### PHYSICAL PROPERTIES

- Maximum use temperature 204°C
- Colour Pink
- Tensile strength at break (ASTM D882) 100MPa (machine direction)  
76MPa (transverse direction)
- Elongation at break (ASTM D882) 400%
- Yield 16.63m<sup>2</sup>/kg

#### AVAILABILITY & PACKAGING

- Thickness 50μ
- Roll weight Up to 45kg
- Widths A comprehensive range of widths is available from 0.025m to 4.06m (open)
- Formats available Tube, sheet, V-sheet

#### STORAGE & HANDLING

- ELASTOMAX 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.

Aerovac Systems Ltd <a href="http://www.aerovac.com">www.aerovac.com</a>	Aerovac Systems Italy S.r.l <a href="http://www.aerovac.it">www.aerovac.it</a>	Aerovac Systèmes France <a href="http://www.aerovac.fr">www.aerovac.fr</a>	Richmond Aircraft Products <a href="http://www.richmondaircraft.com">www.richmondaircraft.com</a>
-----------------------------------------------------------------------------	-----------------------------------------------------------------------------------	-------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------

Aerovac Systems Ltd.

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.

Revised: February 2010