

# VAC PAK® HS8171 Heat Stabilised Nylon 6/66 Blown Tubular Film

- A transparent, heat stabilized, co-extruded copolymer film, produced from a modified nylon resin
- It has a similar melt point to standard nylon 6 films, but exhibits a softer feel and improved heat ageing characteristics when used at high temperatures

## PHYSICAL PROPERTIES

• Maximum Use Temperature	215°C
• Colour	Blue/Green
• Tensile Strength	>15,000 psi ASTM D 882
• Yield Strength	5,000 psi ASTM D 882
• Elongation	400% ASTM D 882
• Tensile Modulus	60,000
• Tear Strength	130g/layer
• Shrinkage	<2% (0.5hr @ 149°C) ASTM D 1204
• Flammability	Self extinguishing melts
• Crystalline Melt Point	218°C (Test method: Hot stage microscope)

## AVAILABILITY & PACKAGING

• Thickness	0.050mm & 0.076mm
• Pack Size (nominal)	45Kg
• Yield (nominal)	17.4 m <sup>2</sup> /Kg (0.050mm) 11.6 m <sup>2</sup> /Kg (0.076mm)

## STANDARD WIDTHS

- A wide range of tube and sheet widths are available from stock

## STORAGE & HANDLING

- All nylon films absorb water. The higher the moisture content the more flexible they become, conversely at low moisture levels flexibility is reduced. VAC PAK® HS8171 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

## Aerovac Systems Ltd.

Tel: 01274 550500 Fax: 01274 550501 e-mail: [sales@aerovac.com](mailto:sales@aerovac.com) website: [www.aerovac.com](http://www.aerovac.com)

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.