

# Quickdraw® HS8171

## Vacuum bagging film

Ideally suited to aerospace applications

### Features

- Unique film, embossed to allow air evacuation in compaction or de-bulk vacuum bagging processes, without the need for breather fabric or release film.
- A clear green, heat stabilised, co-extruded, co-polymer film, produced from a modified nylon resin.
- Capable of withstanding operating temperatures up to 204°C (400°F), providing sufficient temperature resistance to withstand most common resin exothermic reactions.
- Approved on various aerospace specifications and used extensively within the industry.

### Properties

Maximum use temperature	204°C	400°F
Colour	Clear green	
Tensile strength at break (ASTM D882)	96MPa	14000PSI
Elongation at break (ASTM D882)	415%	
Yield	11.3m <sup>2</sup> /kg	55.33ft <sup>2</sup> /lb

### Availability

Thickness	75µm	0.003in
Roll weight	Up to 50kg	Up to 110 lbs
Widths	Up to 3.5m	Up to 140in
Formats available	Sheet	

### Storage

Quickdraw HS8171 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.

### Health & safety

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

All statements, technical information and recommendations contained in this data sheet are given in good faith and are based on tests believed to be reliable, but their accuracy and completeness are not guaranteed. They do not constitute an offer to any person and shall not be deemed to form the basis of any subsequent contract. All products are sold subject to the Cytec's Standard Terms and conditions of Sale. Accordingly, the user shall determine the suitability of the products for their intended use prior to purchase and shall assume all risk and liability in connection therewith. It is the responsibility of those wishing to sell items made from or embodying the products to inform the user of the properties of the products and the purposes for which they may be suitable, together with all precautionary measures required in handling those products. The information contained herein is under constant review and liable to be modified from time to time.  
© Copyright 2012 – Cytec Process Materials (Keighley) Ltd, Cytec Process Materials (CA) Inc, Cytec Process Materials (Toulouse) Sarl, Cytec Process Materials (Milan) Srl. All rights reserved worldwide. All trademarks or registered trademarks are the property of their respective owners.