

## HS8171 Vacuum tube

Item number: 02602 00099



## Technical data

**Description** Vacuum bagging tube **HS8171** is ideally suited to aerospace applications. The clear green film has excellent heat stability and can be used at temperatures up to 204 °C (400 °F) at pressures of 100 PSI (6.9 bar).

### Features

- A clear green, heat stabilised, blown nylon 6 tupe.
- Excellent tensile strength and heat ageing properties, having been successfully used at pressures of 100 PSI (6.9 bar) and temperatures of up to 204 °C (400 °F).
- Available formats: Tube, sheet, V sheet
- **Approved on various aerospace specifications** and used extensively within the industry.

|                      |                         |                        |                        |
|----------------------|-------------------------|------------------------|------------------------|
| <b>Product</b>       | Thickness: 76 µm        | Lay-flat width: 254 mm | Roll length: 152 lin m |
| <b>Properties</b>    | <b>Characteristics</b>  |                        | <b>Test Method</b>     |
| Max. use temperature | 204 °C                  |                        |                        |
| Tensile Strength     | 96 MPa                  |                        | ASTM D882              |
| Elongation           | 415 %                   |                        | ASTM D882              |
| Yield                | 11,6 m <sup>2</sup> /kg |                        |                        |
| Colour               | Clear Green             |                        |                        |

**Storage:** 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.

The values presented in this data sheet are typical values and are not to be interpreted as product specifications. The purchaser is not released from the obligation to inspect the incoming goods. Test findings do not indicate the suitability of the product for a concrete application.