

HS8171 High Temperature Vacuum foil

Item number: 02602 00157



Technical data

Description **HS8171** is a green tinted, transparent, heat stabilized, blown Nylon6 vacuum bagging film. **HS8171** is recommended for vacuum bagging applications up to 204°C (400°F).

Application

HS8171 is recommended for advanced composites and other high temperature applications where softness and workability are required. HS8171 has excellent heat stability and resistance to pin-holing.

HS8171 can be heat sealed to fabricate custom shaped bags.

Approved on various aerospace specifications.

Product	Thickness: 75 µm	Width: 1.520 mm (60")	Roll length: 198 lin m
Properties	Characteristics		Test Method
Max. use temperature	204 °C		
Tensile Strength	97 MPa		ASTM D882
Elongation	> 400 %		ASTM D882
Yield	11,6 m ² /kg		
Colour	Green (<i>transparent</i>)		<u>Available also:</u>
Format	Sheet, V-sheet and lay-flat Tube		- Roll widths: 152 mm - 2032 mm
			- Thickness: 50 µm and 75 µm
			- Roll length: 127 m - 254 m

Storage: All nylon-based films absorb water. Recommended use and storage of this product is in relative humidity environment between 55 % and 65 % and around 20 °C.

Usage: HS8171, like all nylon films, is a hydrophilic material; moisture and water act as a plasticizers. The level of moisture content at time of use can be an important factor for successful performance.

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.