

HS6262 Vacuum foil

Item number: 02602 00126



Technical data

Description Vacuum bagging film **HS6262** is ideally suited for advanced composites and to aerospace applications where softness and workability are required. HS6262 is a modified Nylon 6.6 blue tinted, transparent, heat stabilized, cast or blown vacuum bagging film. It is recommended for vacuum bagging applications up to 232°C (450 °C) and can be used also with some phenolic resin systems (*a compatibility test is recommended*).

Features

- Blue heat stabilised, blown nylon 6.6 film.
- Predominantly used in high temperature and pressure autoclave cures, and in the manufacture of thermoplastics.
- Excellent elongation and heat ageing characteristics, when used at pressures of 100PSI (6.9bar) and temperatures of up to 232°C (450°F) for several hours.
- **Approved on various aerospace specifications.**

Product	Thickness: 50 µm and 75 µm	Width: up to 3,40 m (<i>open</i>)
Properties	Characteristics	Test Method
Max. use temperature	232 °C	
Tensile Strength	85 MPa	ASTM D882
Elongation	350 %	ASTM D882
Yield	50 µm: 17,3 m ² /kg 75 µm: 11,6 m ² /kg	
Colour	Blue	
Roll weight	Up to 45 kg	

Storage: HS6262 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.