

Polyurethane film on a paper carrier

Reference: 04 M312B15 15

Product profile

Film: Transparent polyurethane film
 Carrier: White paper

**Applications**

Designed for manufacturing of medical devices, consumer plasters or advanced wound care products.

The paper carrier allows for direct coating of adhesive (acrylic, hydrocolloid or silicone) onto the PU film. It can also be used as the finished product delivery system.

Technical properties

	Unit	Value		Test method
Film thickness	µm	15		Internal
Carrier thickness	µm	120		Internal
Peel strength between carrier and film	cN/25 mm	12		Internal
MVTR (inverted cup)	g/m ² /24 H @ 37 °C	13 000		Internal
Coefficient of friction on PTFE	-	0.3		Internal
Elongation at break	%	MD	400	Internal
		TD	400	
Bacterial barrier	-	OK		DIN 58953-6:2010
Cytotoxicity	-	Non cytotoxic		ISO 10993-5

Product features

- High MVTR
- Waterproof, bacterial barrier
- High alcohol resistance
- Conformable with good mechanical resistance
- Premium aspect
- Low friction coefficient
- Increased stability of the carrier to humidity (double coated carrier)

Storage

Store in dry conditions between 10 °C and 35 °C in its original packaging. Use within 12 months after delivery.

This document does not constitute a specification. The information provided in this document is given in good faith, according to the tests made in our laboratory. The values given are typical values and may vary according to application conditions. They are given for information only and do not constitute a warranty. It is the responsibility of the purchaser to determine prior to use the suitability of this material in its application. Revised: September 22th 2023