TECHNICAL DATA SHEET

M381



Polyurethane film on a filmic carrier

Reference: 01 M381B30 15

Product profile

Film: Transparent polyurethane film
Carrier: Polycoated PET transparent film

Filmic carrier

Polyurethane film



Applications

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

The transparent filmic carrier allows to see through the product and thus facilitates the positioning of the finished product.

Technical properties

	Unit	Value		Test method
Film thickness	μm	30		Internal
Carrier thickness	μm	65		Internal
Peel strength between carrier and film	cN/25 mm	8		Internal
MVTR (inverted cup)	g/m²/24 H @ 37 °C	10 000		Internal
Coefficient of friction on PTFE	-	0.25		Internal
Elongation at break	%	MD	450	- Internal
	70	TD	450	
Bacterial barrier	-	OK		DIN 58953-6:2010
Cytotoxicity	-	Non cytotoxic		ISO 10993-5

Product features

- · High thermal transparent carrier
- · High alcohol resistance
- High MVTR
- Waterproof, bacterial barrier
- · Highly conformable and tear resistant
- Premium aspect

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: July 26th 2024

