TECHNICAL DATA SHEET

M025



Single-sided adhesive polyurethane film

Reference: 01 M025J25 23

Product profile

Carrier: Translucent film

Film: Translucent polyurethane film
Adhesive: MS1 – Skin-friendly acrylic adhesive

Release liner: White paper

Release liner

Medical adhesive

Polyurethane film on filmic carrier



Applications

Designed for manufacturing of medical devices, standard plasters or surgical dressings. The presence of the filmic carrier facilitates easy application of this adhesive polyurethane film.

Technical properties: polyurethane film without adhesive

	Unit	Value		Test method
Film thickness	μm	25		Internal
Carrier thickness	μm	70		Internal
Peel strength between carrier and film	cN/25 mm	12		Internal
MVTR (inverted cup)	g/m²/24h @ 37 °C	400		Internal
Coefficient of friction on PTFE	-	0.30		Internal
Elongation at break	%	MD	500	- Internal
	70	TD	500	
Primary skin irritation index	-	Index 0,0: Non-irritant		ISO 10993-10:2010
Sensitisation	-	Non-sensitizing		ISO 10993-10:2010
Cytotoxicity	-	Grade 0: Non-cytotoxic		ISO 10993-5:2009

Product features

- · Thick carrier facilitating the manipulation/placing of the medical device
- Matt appearance
- · Clothing slides easily over the film
- · Highly conformable, tear resistant

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: October 17th 2025

