TECHNICAL DATA SHEET

M026

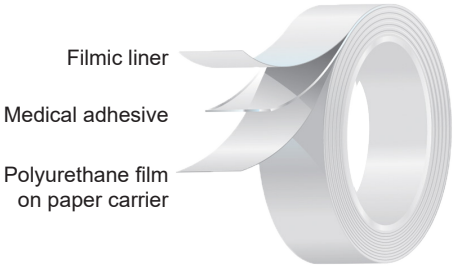
adhecare® medical tapes & films

Single-sided polyurethane film with paper carrier

Reference: 04 M026J26 12

Product profile

Carrier:	White paper
Film:	Transparent polyurethane film
Adhesive:	MS1 – Skin-friendly acrylic adhesive
Release liner:	White filmic liner



Applications

Designed for manufacturing of advanced dressings for I.V. site and wound care.
The paper carrier allows for easy processing of the film, as well as easy application of the finish device.
Especially suited for the production of frame dressings.

Technical properties: polyurethane film without adhesive

	Unit	Value		Test method
Film thickness	µm	20		Internal
Carrier thickness	µm	105		Internal
MVTR (inverted cup)	g/m²/24 H @ 37 °C	11 000		Internal
Coefficient of friction on PTFE	-	0.25		Internal
Elongation at break	%	MD	450	Internal
		TD	400	
Bacterial barrier	-	OK		DIN 58953-6:2010
Cytotoxicity	-	Non cytotoxic		ISO 10993-5

Product technical properties

	Unit	Value	Test method
Adhesive coat-weight	g/m²	20	Internal
MVTR (inverted cup)	g/m²/24 H @ 37 °C	800	Internal
Adhesion on SS (after 24 H 23 °C 50 % HR)	N/25 mm	6	FTM2
Peel strength between carrier and film	cN/25 mm	30	Internal
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

- Waterproof, bacterial barrier
- Conformable with good mechanical resistance
- Skin-friendly acrylic adhesive with good level of adhesion on skin
- Removes cleanly from skin after use
- Compatible with: EtO sterilization; Gamma sterilization (depending of the dose applied)
- Paper carrier suited for kiss cutting onto the PU film

Storage

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