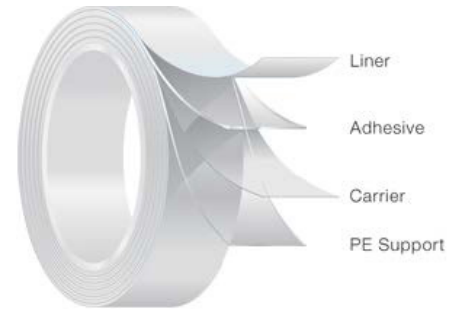


TECHNICAL DATA SHEET

MED 5022 Single-Coated Film

MED 5022 is a repositionable single-coated clear polyurethane film with a rubber-based adhesive. This product’s unique formulation allows for initial removal and repositioning for skin contact applications. The product is also breathable through the adhesive and polyurethane film.



Typical Application:

Designed for applications requiring initial repositionability and breathability, including but not limited to vascular access dressings, surgical drapes and wound care applications.

Features and Benefits:

- Transparent
- Breathable
- Absorptive
- Conformable and Flexible
- Gentle and soft adhesion to the skin
- Repositionable
- EtO and Gamma Sterilizable
- Cost-effective

Product Construction

	Typical Values*		Description
Carrier Thickness	1.0 mils	25 µm	Clear polyurethane film with polyethylene cast sheet
Adhesive Thickness	3.5 mils	90 µm	Rubber based adhesive with additives to allow for repositionability and breathability
Release Liner Thickness	2.0 mils	50 µm	Siliconized polyester

Physical Properties (Not intended as a specification.)

	Test Method**	Typical Values*	
Peel Adhesion on Stainless Steel (SS)	TDS-03	1.4 lbf/in	5.9 N/25mm
Adhesion on HDPE	TDS-02	1 lbf/in	4.5 N/25mm
90° Release	TDS-06	1.5 lbf/in	6.4 N/25mm
Reverse Tack	TDS-09	4.4 lbf/in	19.1 N/25MM
MVTR	TDS-16	41 [g/(100in ² -24hours)]	610 [g/m ² -24 hours]

Elongation

Machine Direction	TDS-15	734 lbf/in	3213 N/25mm
Cross Direction	TDS-15	757 lbf/in	3314 N/25mm

Load at Break

Machine Direction	TDS-15	10 lbf/in	44 N/25mm
Cross Direction	TDS-15	11 lbf/in	48 N/25mm

*Refer to product specifications for material acceptance limits. **Test information available upon request.

For questions or to order, please contact your strategic account director or visit our website: vancive.averydennison.com

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Storage and Shelf Life

Two years when stored at 23°C (73°F), 50% relative humidity, out of direct sunlight, in original packaging.

Safety

Customers/users have full responsibility to determine the suitability of Vancive products for applications in their business. This includes both safety and biocompatibility assessments. Material Safety Data Sheets (MSDS) will be provided upon request, as well as summaries of components' biocompatibility testing results (ISO 10993), where available. Customers should perform their own assessments on final products in compliance with applicable regulatory requirements.

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