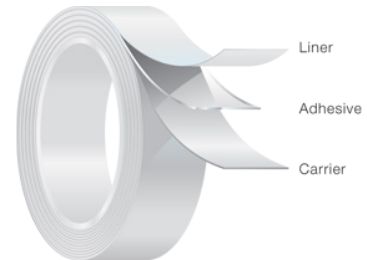


TECHNICAL DATA SHEET

MED 5581H Hydrocolloid

MED 5581H is a single-coated, transparent, soft, pliable polyurethane film containing an integrated hydrocolloid formulation. This product's absorbent adhesive is designed to limit break down upon saturation, to assist in creating optimal skin and wound healing conditions, and has a high fluid handling capacity.



Typical Application:

Designed for wound care, ostomy flange applications and fixation of medical devices.

Features and Benefits:

- Conformable
- Integrated hydrocolloid
- Moisture resistant
- High absorption rate
- Printable
- Die-cuttable
- Gamma sterilizable

Product Construction			
	Typical Values*		Description
Carrier Thickness	2.8 mils	70 µm	Transparent polyurethane film
Adhesive Thickness	39 mils	1000 µm	Hydrocolloid designed for medical applications
Release Liner Thickness	5.1 mils	130 µm	White polyethylene-protected paper

Physical Properties (Not intended as a specification.)			
	Test Method**	Typical Values*	
Peel Adhesion on Polyethylene (PE)	TDS-02	0.5 lbf/in	2.0 N/25 mm
Peel Adhesion on Stainless Steel (SS)	TDS-04	1.7 lbf/in	7.5 N/25 mm
Liner Release	TDS-06	4.7 oz/in	135 g/25 mm
Static Shear	TDS-14	140 min	
Reverse Tack	TDS-09	4.1 lbf/in	18 N/25 mm
MVTR	TDS-17	23 [g/100in ² -24 hours]	350 [g/m ² -24 hours]
Static Absorption	TDS-17	530 [g/100in ² -24 hours]	8250 [g/m ² -24 hours]

*Refer to product specifications for material acceptance limits. **Test method 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.

Limited Warranty

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