## TECHNICAL DATA SHEET

### MED 5583H

# Single-Coated Film

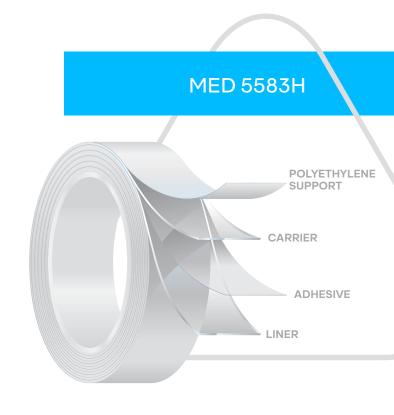
MED 5583H is a single-coated, transparent polyurethane film with an advanced and highly integrated hydrocolloid formulation. This product's absorbent adhesive is designed to not break down upon saturation, to provide for a low profile, to assist in creating optimal skin and wound healing conditions, and has a high fluid handling capacity.

#### **TYPICAL APPLICATION**

Designed for ostomy, wound care and device fixation applications.

#### **FEATURES AND BENEFITS**

- Conformable
- Highly integrated
- Transparent
- High absorption rate
- Moisture resistant
- Die-cuttable
- Gamma sterilizable



Product Construction			
	TYPICAL VALUES*		DESCRIPTION
LINER THICKNESS	3.3 mils	85 µm	White super-calendered glassine
ADHESIVE THICKNESS	11.8 mils	300 µm	Hydrocolloid designed for medical applications
CARRIER THICKNESS	2.8 mils	70 µm	Transparent polyurethane film
SUPPORT THICKNESS	1.8 mils	45 µm	Transparent polyethylene film



<sup>\*</sup>Refer to product specifications for material acceptance limits.

#### MED 5583H

## Single-Coated Film

Physical Properties [Not intended as a specification]						
	TEST METHOD*	TYPICAL VALUES†				
PEEL ADHESION ON POLYETHYLENE (PE)	TDS-02	0.2 lbf/in	1.0 N/25 mm			
PEEL ADHESION ON STAINLESS STEEL (SS)	TDS-04	0.8 lbf/in	3.5 N/25 mm			
LINER RELEASE	TDS-06	1.2 oz/in	35 g/25 mm			
REVERSE TACK	TDS-09	2.5 lbf/in	11 N/25 mm			
STATIC SHEAR	TDS-14	6500 minutes				
MVTR	TDS-17	33 g/100 in² per 24 hr	500 g/m² per 24 hr			
STATIC ABSORPTION	TDS-17	350 g/100 in² per 24 hr	5500 g/m² per 24 hr			

MVTR, moisture vapor transmission rate.

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

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To learn more about how our material and adhesive science expertise can help drive your next innovation, call us

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<sup>\*</sup>Test method information available upon request.

<sup>†</sup>Refer to product specifications for material acceptance limits.