

# TECHNICAL DATA SHEET

MED 5583H

## Single-Coated Film

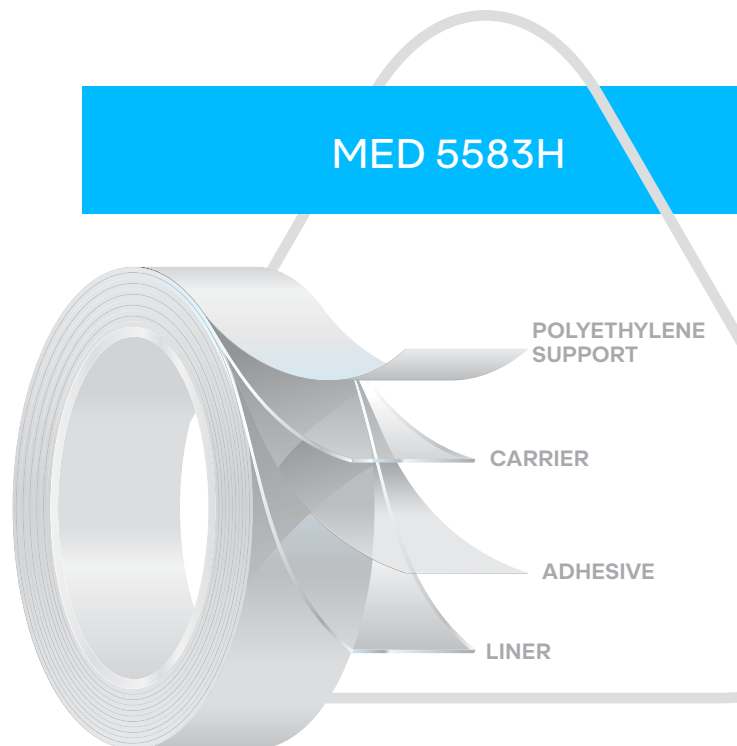
MED 5583H is a single-coated, transparent polyurethane film with an advanced and highly integrated hydrocolloid formulation. This product's absorbent adhesive is designed to not break down upon saturation, to provide for a low profile, to assist in creating optimal skin and wound healing conditions, 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 $\mu\text{m}$	White super-calendered glassine
ADHESIVE THICKNESS	11.8 mils	300 $\mu\text{m}$	Hydrocolloid designed for medical applications
CARRIER THICKNESS	2.8 mils	70 $\mu\text{m}$	Transparent polyurethane film
SUPPORT THICKNESS	1.8 mils	45 $\mu\text{m}$	Transparent polyethylene film

\*Refer to product specifications for material acceptance limits.

## 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 in <sup>2</sup> per 24 hr	500 g/m <sup>2</sup> per 24 hr
STATIC ABSORPTION	TDS-17	350 g/100 in <sup>2</sup> per 24 hr	5500 g/m <sup>2</sup> per 24 hr

MVTR, moisture vapor transmission rate.

\*Test method information available upon request.

†Refer to product specifications for material acceptance limits.

**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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