

# TECHNICAL DATA SHEET

MED 5083H

## Hydrocolloid

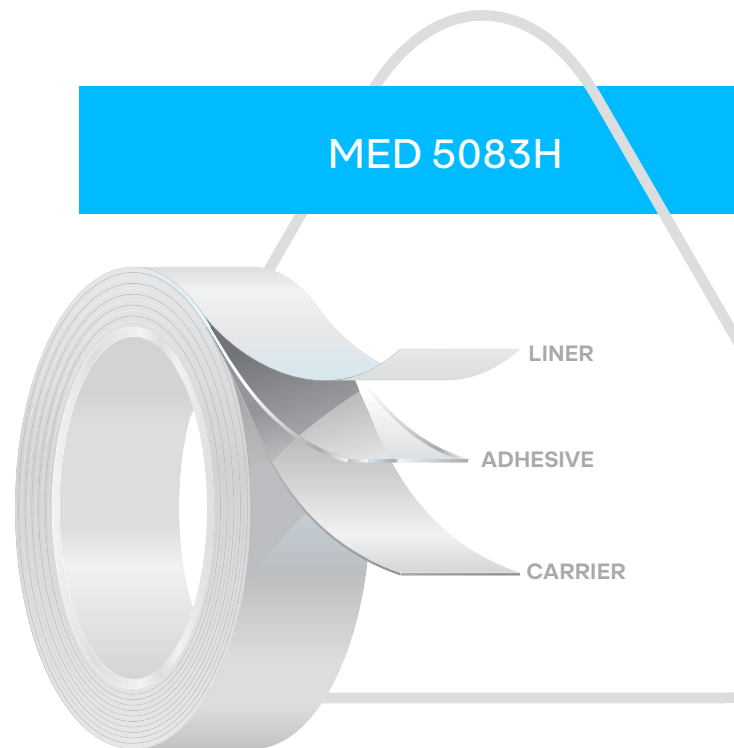
MED 5083H is a single-coated, transparent, embossed polyethylene film containing an integrated hydrocolloid formulation. This product's absorbent adhesive is designed to limit break down upon saturation, to assist in creating optimal skin and wound healing conditions, and has a high fluid handling capacity.

### TYPICAL APPLICATION

Designed for ostomy flanges and specialized wound dressings.

### FEATURES AND BENEFITS

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



### Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	16.5 mils	420 µm	Transparent embossed polyethylene
ADHESIVE THICKNESS	24 mils	600 µm	Hydrocolloid designed for medical applications
RELEASE LINER THICKNESS	5.1 mils	130 µm	White polyethylene-protected paper

\*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE	TDS-02	0.5 lbf/in	2 N/25 mm
PEEL ADHESION ON STAINLESS STEEL	TDS-04	2.9 lbf/in	12.5 N/25 mm
LINER RELEASE	TDS-06	3.4 oz/in	88 g/25 mm
REVERSE TACK	TDS-09	3.4 lbf/in	20 N/25 mm
STATIC SHEAR	TDS-14	200 minutes	
MVTR	TDS-17	120 g/100 in <sup>2</sup> per 24 hr	1900 g/m <sup>2</sup> per 24 hr
STATIC ABSORPTION	TDS-17	340 g/100 in <sup>2</sup> per 24 hr	5250 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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