

# TECHNICAL DATA SHEET

MED 5080H

## Hydrocolloid

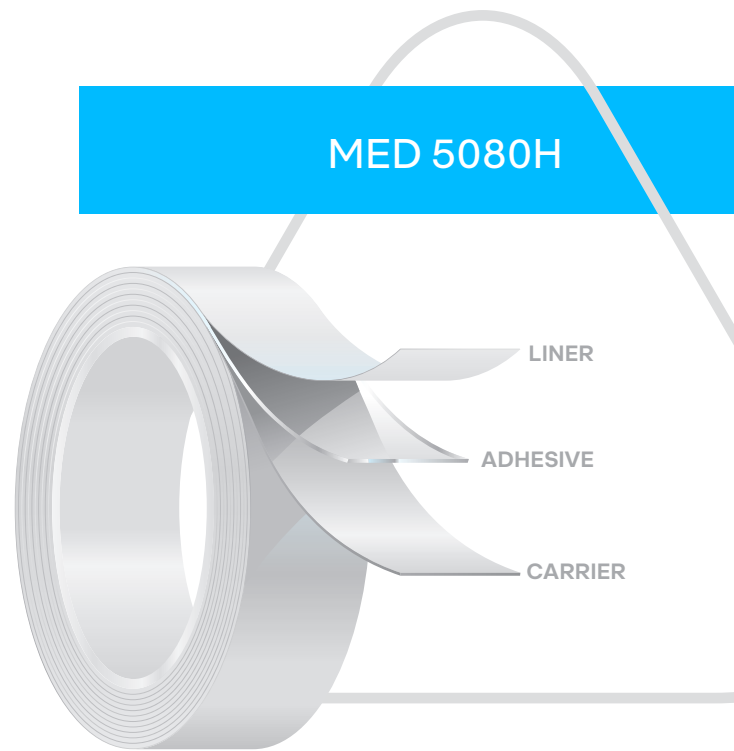
MED 5080H is a single-coated transparent polyurethane film containing an integrated hydrocolloid formulation. This product's absorbent adhesive is designed to limit breakdown upon saturation, and assists in creating optimal skin and wound healing conditions. It also has a high fluid handling capacity.

### TYPICAL APPLICATION

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

### FEATURES AND BENEFITS

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



### Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	16.8 mils	420 $\mu$ m	Transparent embossed polyethylene film
ADHESIVE THICKNESS	20 mils	500 $\mu$ m	Hydrocolloid designed for medical applications
RELEASE LINER THICKNESS	2 mils	50 $\mu$ m	Transparent writable polyester liner

\*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE	TDS-02	0.6 lbf/in	2.5 N/25 mm
LINER RELEASE	TDS-06	1.6 oz/in	43 g/25 mm
STATIC SHEAR	TDS-14	180 minutes	
MVTR	TDS-17	26 g/100 in <sup>2</sup> per 24 hr	400 g/m <sup>2</sup> per 24 hr
STATIC ABSORPTION	TDS-17	492 g/100 in <sup>2</sup> per 24 hr	7620 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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