

TECHNICAL DATA SHEET

MED 5780H

Hydrocolloid

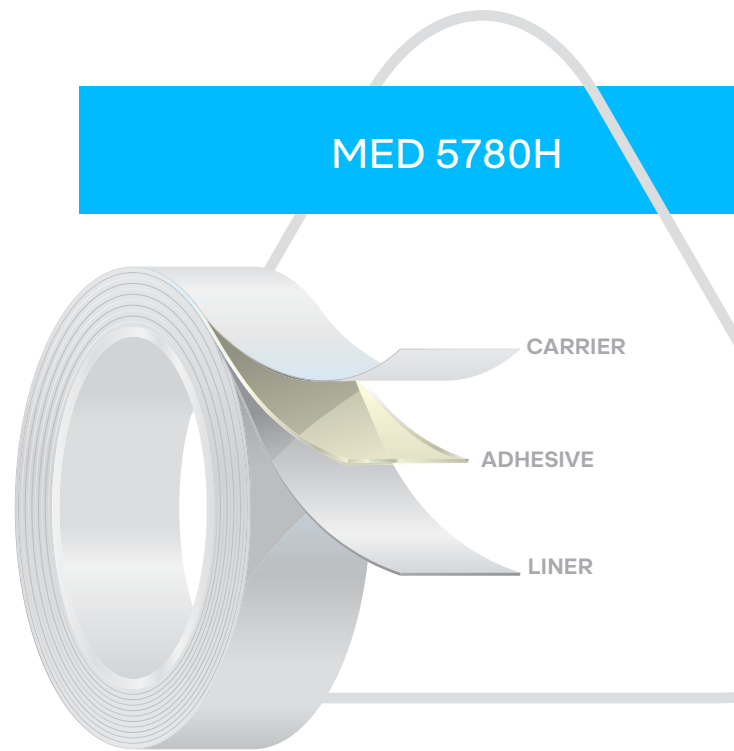
MED 5780H is a single coated white water repellent polyester spunlace nonwoven containing a gentle, highly absorbent traditional hydrocolloid adhesive.

TYPICAL APPLICATION

Designed for ostomy applications.

FEATURES AND BENEFITS

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



Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	12.4 mils	310 μm	White water repellent polyester spunlace nonwoven
ADHESIVE THICKNESS	24 mils	600 μm	Hydrocolloid designed for medical applications
RELEASE LINER THICKNESS	2.0 mils	50 μm	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	0.2 lbf/in	1 N/25 mm
PEEL ADHESION ON STAINLESS STEEL	TDS-03	2.5 lbf/in	11 N/25 mm
LINER RELEASE	TDS-06	3.3 oz/in	80 g/25 mm
REVERSE TACK	TDS-09	2.7 lbf/in	12 N/25 mm
STATIC SHEAR	TDS-14	160 minutes	
MVTR	TDS-17	85 g/100 in ² per 24 hr	1310 g/m ² per 24 hr
STATIC ABSORPTION	TDS-17	396 g/100 in ² per 24 hr	6130 g/m ² 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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