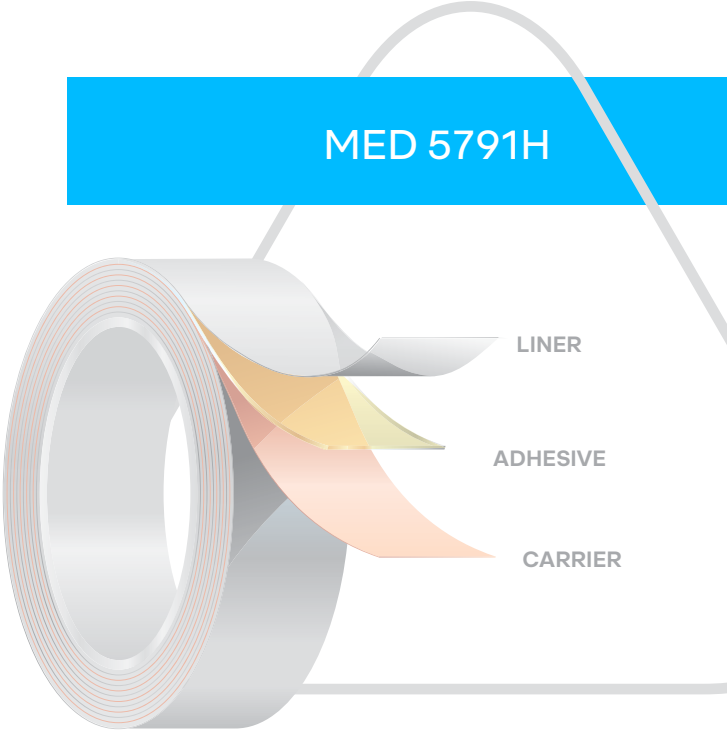
TECHNICAL DATA SHEET

MED 5791H

Hydrocolloid

MED 5791H is a single-coated, tan, polyethylene nonwoven containing a gentle, highly absorbent, traditional hydrocolloid adhesive.



TYPICAL APPLICATION

Designed for ostomy flange applications.

FEATURES AND BENEFITS

- Conformable
- Traditional hydrocolloid
- High absorption rate
- Moisture resistant
- Heat sealable
- Die-cuttable
- Gamma sterilizable

Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	20.9 mils	530 µm	Tan polyethylene nonwoven
ADHESIVE THICKNESS	29 mils	730 µm	Hydrocolloid designed for medical applications
RELEASE LINER THICKNESS	1.4 mils	35 µm	Transparent polyester

*Refer to product specifications for material acceptance limits.

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Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE	TDS-02	0.2 lbf/in	1.0 N/25 mm
PEEL ADHESION ON STAINLESS STEEL	TDS-04	3.1 lbf/in	13.5 N/25 mm
LINER RELEASE	TDS-06	1.3 oz/in	35 g/25 mm
REVERSE TACK	TDS-09	4.1 lbf/in	18 N/25 mm
STATIC SHEAR	TDS-14	150 minutes	
MVTR	TDS-17	390 g/100 in^2 per 24 hr	6000 g/m^2 per 24 hr
STATIC ABSORPTION	TDS-17	230 g/100 in^2 per 24 hr	3500 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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To learn more about how our material and adhesive science expertise can help drive your next innovation, call us

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