

TECHNICAL DATA SHEET

MED 5597H

Hydrocolloid

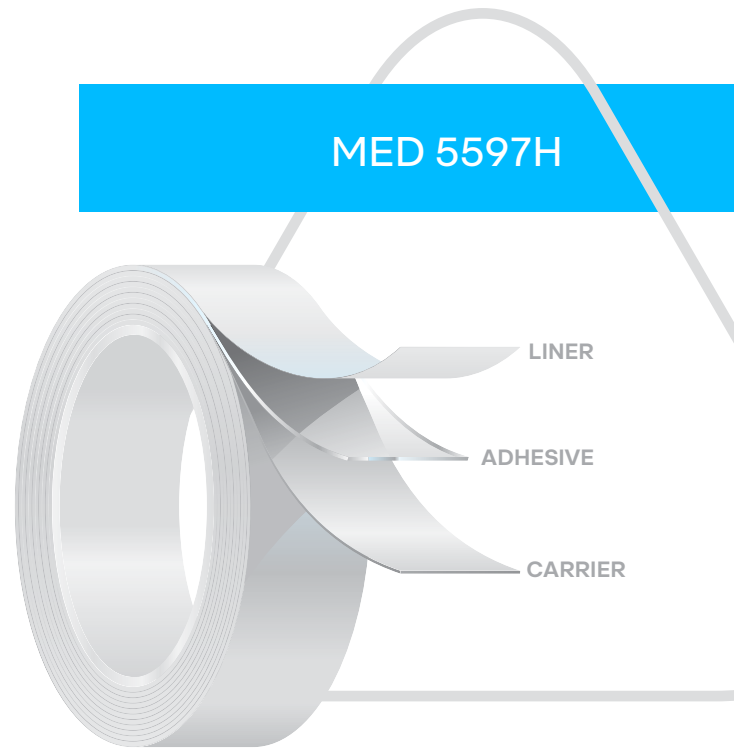
MED 5597H is a single-coated, transparent polyurethane film with an advanced and highly integrated hydrocolloid formulation. This product's absorbent adhesive is designed to not break down upon saturation, to provide for a low profile, to assist in creating optimal skin and wound healing conditions, and has a high fluid handling capacity.

TYPICAL APPLICATION

Designed for wound care and 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	2.8 mils	70 µm	Transparent polyurethane film
ADHESIVE THICKNESS	16 mils	400 µm	Hydrocolloid designed for medical applications
RELEASE LINER THICKNESS	3.3 mils	85 µm	White super-calendered glassine

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON STAINLESS STEEL	TDS-04	1.1 lbf/in	5 N/25 mm
LINER RELEASE	TDS-06	1.5 oz/in	43 g/25 mm
REVERSE TACK	TDS-09	3.6 lbf/in	18 N/25 mm
STATIC SHEAR	TDS-14	700 minutes	
STATIC ABSORPTION	TDS-17	240 g/100 in ² per 24 hr	3700 g/m ² per 24 hr

*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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