

# TECHNICAL DATA SHEET

MED 5570U

## Single-Coated Film

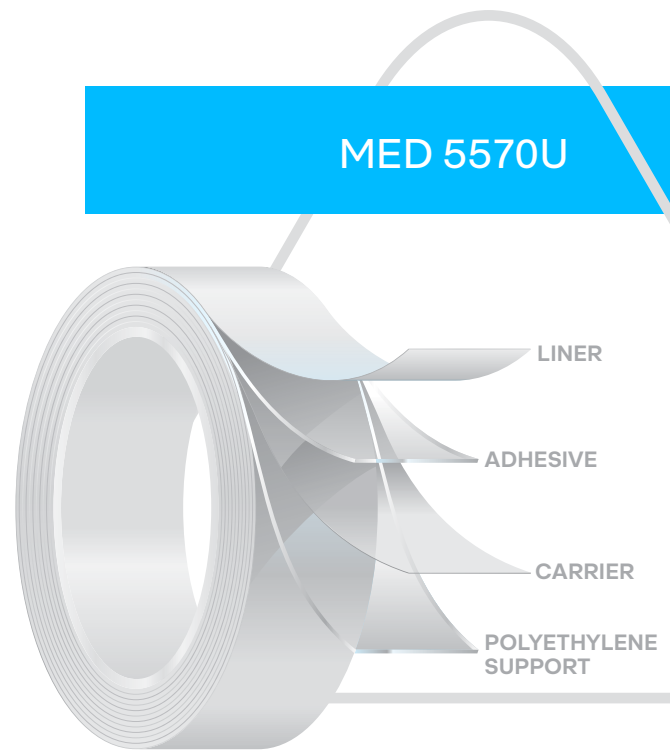
MED 5570U is a single-coated, soft, pliable, transparent polyurethane film with a solventless acrylic adhesive. This product's thin and conformable film offers a high degree of user comfort, while its transparency allows for wound or site visibility; in some applications, it can act as a barrier to assist in decreasing the risk of bacterial infections

### TYPICAL APPLICATION

Designed for incise applications, wound care, IV securement and situations requiring high MVTR and sustained periods of wear.

### FEATURES AND BENEFITS

- Thin and conformable
- Moisture resistant
- Breathable
- Transparent
- Printable
- Available with and without handling bars
- Die-cuttable
- Gamma and EtO sterilizable



### Product Construction

	TYPICAL VALUES*		DESCRIPTION
SUPPORT THICKNESS	1.8 mils	45 µm	Transparent polyethylene film
CARRIER THICKNESS	1 mils	25 µm	Transparent polyurethane film
ADHESIVE THICKNESS	1.6 mils	40 µm	Solventless acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	2.6 mils	65 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 POLYETHYLENE	TDS-01	0.7 lbf/in	3 N/25 mm
PEEL ADHESION ON STAINLESS STEEL	TDS-03	1.3 lbf/in	6 N/25 mm
LINER RELEASE	TDS-06	0.6 oz/in	35 g/25 mm
FINAT TACK	TDS-07	7 lbf/in	33 N/25 mm
DYNAMIC SHEAR	TDS-10	40 lbf/in	180 N/25 mm
MVTR	TDS-16	50 g/100 in <sup>2</sup> per 24 hr	800 g/m <sup>2</sup> per 24 hr
<b>ELONGATION</b>			
MACHINE DIRECTION	TDS-15	375%	
CROSS DIRECTION	TDS-15	350%	
<b>LOAD AT BREAK</b>			
MACHINE DIRECTION	TDS-15	5.5 lbf/in	23 N/25 mm
CROSS DIRECTION	TDS-15	5.5 lbf/in	23 N/25 mm

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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