

# TECHNICAL DATA SHEET

MED 5507

## Single-Coated Film

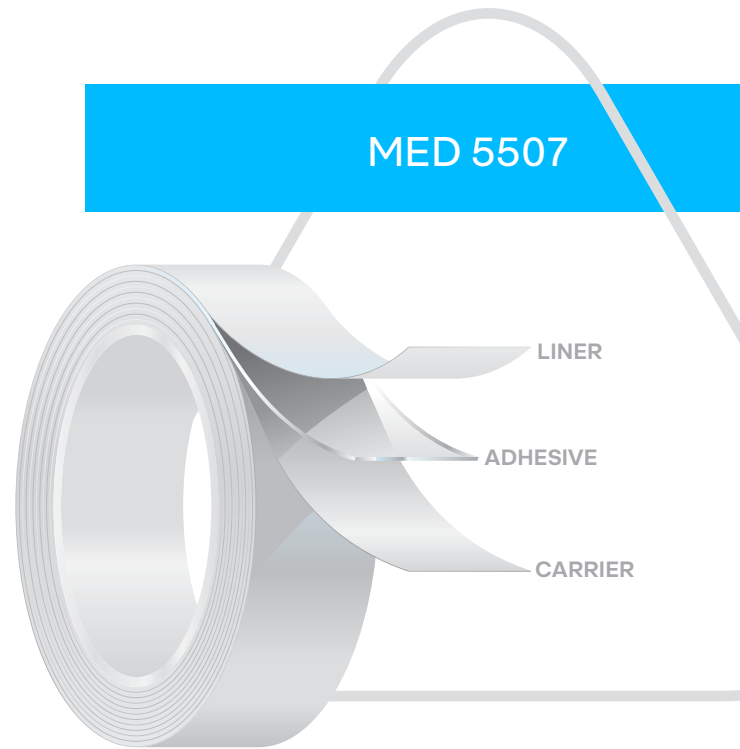
MED 5507 is a single-coated, white, pliable vinyl film with an acrylic adhesive. This product offers a high degree of user comfort, while in some cases, it can act as a bacterial barrier to assist in decreasing the risk of bacterial infections.

### TYPICAL APPLICATION

Designed for mounting electromedical, ostomy and other devices to the skin for sustained periods.

### FEATURES AND BENEFITS

- Conformable
- Moisture resistant
- Bacterial barrier
- High adhesion to skin
- Die-cuttable
- Gamma and EtO sterilizable



## Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	7.5 mils	190 µm	White vinyl film
ADHESIVE THICKNESS	2 mils	50 µm	Acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	3.2 mils	80 µm	Single-coated kraft

\*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE	TDS-01	0.9 lbf/in	4 N/25 mm
PEEL ADHESION ON STAINLESS STEEL	TDS-03	8 lbf/in	36 N/25 mm
LINER RELEASE	TDS-06	0.7 oz/in	24 g/25 mm
FINAT TACK	TDS-07	8 lbf/in	35 N/25 mm
DYNAMIC SHEAR	TDS-10	25 lbf/in	110 N/25 mm
MVTR	TDS-16	32 g/100 in <sup>2</sup> per 24 hr	500 g/m <sup>2</sup> per 24 hr
<b>ELONGATION</b>			
MACHINE DIRECTION	TDS-15	200%	
CROSS DIRECTION	TDS-15	175%	
<b>LOAD AT BREAK</b>			
MACHINE DIRECTION	TDS-15	54 lbf/in	243 N/25 mm
CROSS DIRECTION	TDS-15	44 lbf/in	197 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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