

TECHNICAL DATA SHEET

MED 5507

Single-Coated Film

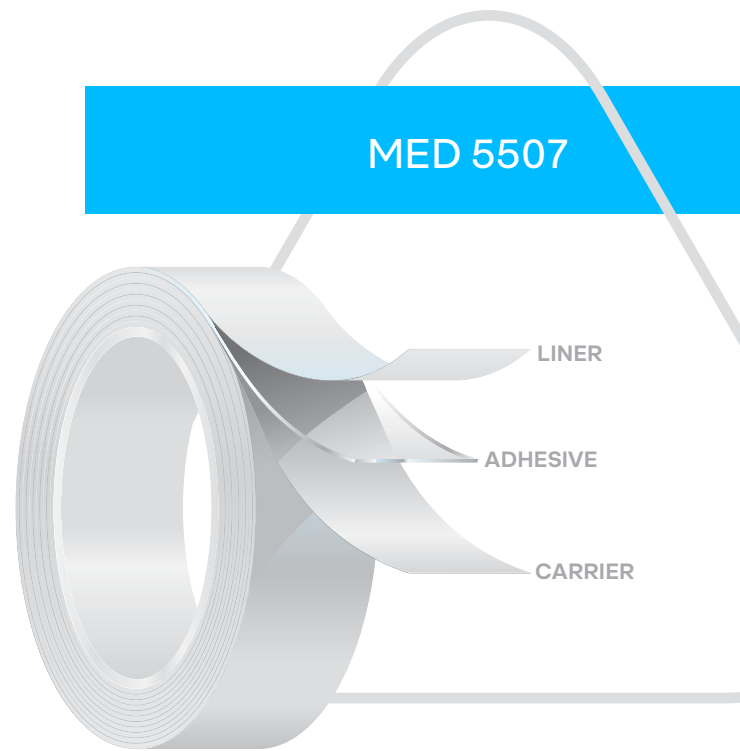
MED 5507 is a single-coated, white, pliable vinyl film with an acrylic adhesive. This product offers a high degree of user comfort, while in some cases, it can act as a bacterial barrier to assist in decreasing the risk of bacterial infections.

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 ² per 24 hr	500 g/m ² per 24 hr
ELONGATION			
MACHINE DIRECTION	TDS-15	200%	
CROSS DIRECTION	TDS-15	175%	
LOAD AT BREAK			
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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US: +1 440 534 2600

Belgium: +32 14 40 48 11

Ireland: +353 43 3349586

www.medical.averydennison.com