

TECHNICAL DATA SHEET

MED 5506

Single-Coated Film

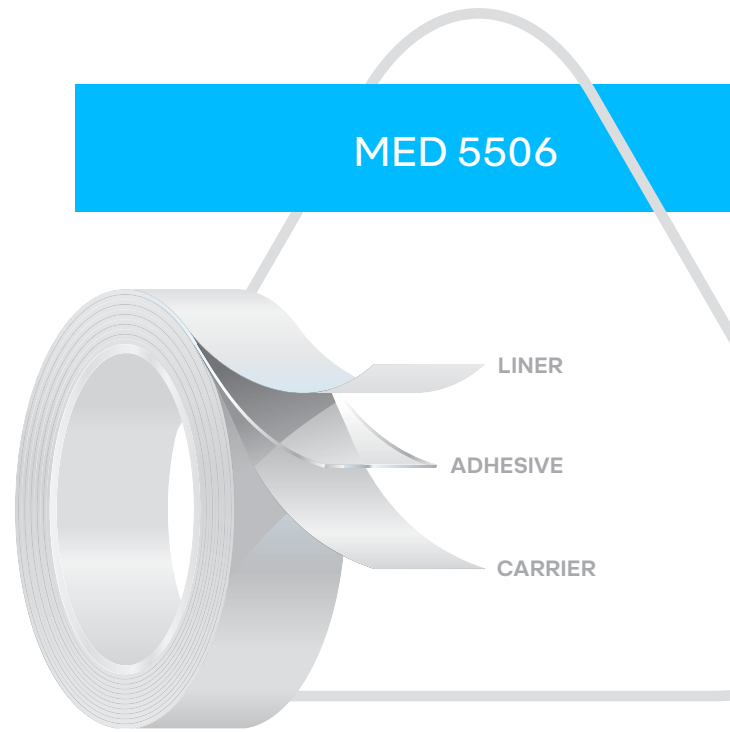
MED 5506 is a single-coated, white, pliable and conformable vinyl film with an acrylic adhesive. This product's conformable film offers a high degree of user comfort, while in some cases, it acts as a barrier to assist in decreasing the risk of bacterial infections.

TYPICAL APPLICATION

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

FEATURES AND BENEFITS

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



Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	3.4 mils	85 μ m	White vinyl film
ADHESIVE THICKNESS	2 mils	50 μ m	Acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	3.2 mils	80 μ m	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	4.5 lbf/in	20.5 N/25 mm
LINER RELEASE	TDS-06	1 oz/in	26 g/25 mm
FINAT TACK	TDS-07	6.5 lbf/in	29 N/25 mm
DYNAMIC SHEAR	TDS-10	34 lbf/in	150 N/25 mm
ELONGATION			
MACHINE DIRECTION	TDS-15	75%	
CROSS DIRECTION	TDS-15	75%	
LOAD AT BREAK			
MACHINE DIRECTION	TDS-15	13.5 lbf/in	61 N/25 mm
CROSS DIRECTION	TDS-15	13.5 lbf/in	61 N/25 mm

*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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