

TECHNICAL DATA SHEET

MED 5509

Single-Coated Film

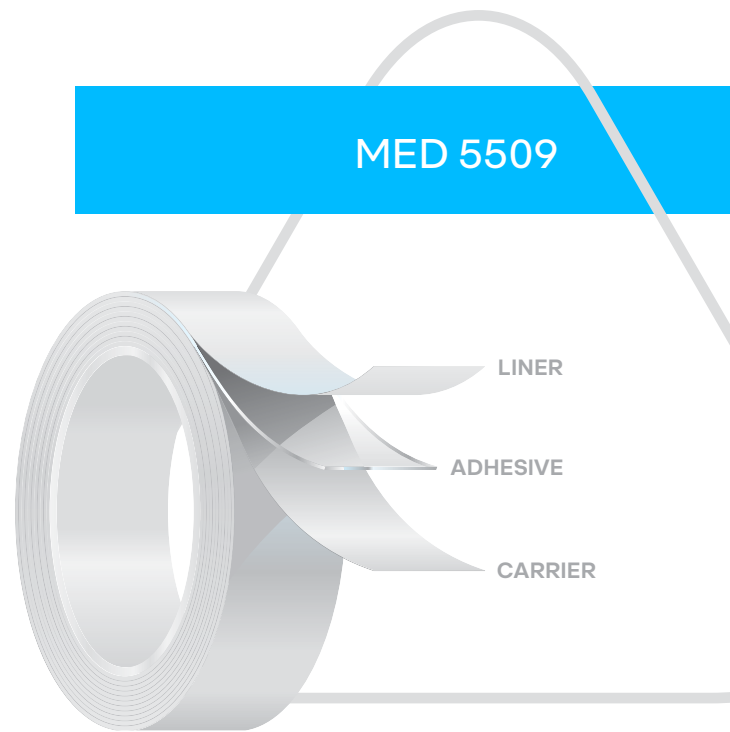
MED 5509 is a single-coated, pliable, transparent and conformable vinyl film with an acrylic adhesive. This product's conformability offers a high degree of user comfort, while its transparency allows for site visibility; in some applications, it can act as a barrier to assist in decreasing the risk of bacterial infections.

TYPICAL APPLICATION

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

FEATURES AND BENEFITS

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



Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	5 mils	125 μ m	Transparent vinyl film
ADHESIVE THICKNESS	1.4 mils	35 μ m	Acrylic adhesive designed for medical applications
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	0.6 lbf/in	2.6 N/25 mm
PEEL ADHESION ON STAINLESS STEEL	TDS-03	3.3 lbf/in	15 N/25 mm
LINER RELEASE	TDS-06	0.6 oz/in	28 g/25 mm
FINAT TACK	TDS-07	3 lbf/in	13 N/25 mm
DYNAMIC SHEAR	TDS-10	11 lbf/in	50 N/25 mm
ELONGATION			
MACHINE DIRECTION	TDS-15	225%	
CROSS DIRECTION	TDS-15	375%	
LOAD AT BREAK			
MACHINE DIRECTION	TDS-15	16 lbf/in	71 N/25 mm
CROSS DIRECTION	TDS-15	17 lbf/in	76 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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