

TECHNICAL DATA SHEET

MED 1827A

Single-Coated Film

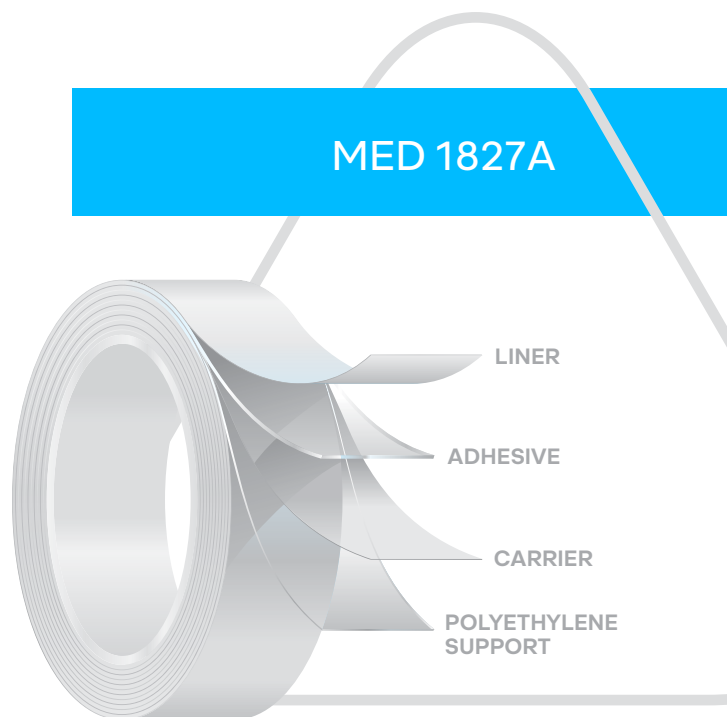
MED 1827A is a single-coated, soft, pliable, transparent polyurethane film with an acrylic adhesive. This product's conformable film offers a high degree of user comfort, while its transparency allows for wound or site visibility; in some applications, it can act as a barrier to assist in decreasing the risk of bacterial infections. The adhesive is protected by a one-side siliconized glassine paper liner.

TYPICAL APPLICATION

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

FEATURES AND BENEFITS

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



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1-800-773-0062

Product Construction

	TYPICAL VALUES*		DESCRIPTION
SUPPORT THICKNESS	1.8 mils	45 μ m	Transparent polyethylene film
CARRIER THICKNESS	1.0 mils	25 μ m	Transparent polyurethane film
ADHESIVE THICKNESS	2.6 mils	65 μ m	Acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	2.6 mils	65 μ m	White glassine paper

*Refer to product specifications for material acceptance limits.

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Physical Properties [Not intended as a specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE (PE)	TDS-01	0.8 lbf/in	3.5 N/25 mm
PEEL ADHESION ON STAINLESS STEEL (SS)	TDS-03	2.3 lbf/in	10 N/25 mm
LINER RELEASE	TDS-06	1.6 oz/in	45 g/25 mm
FINAT TACK	TDS-07	9.1 lbf/in	40 N/25 mm
DYNAMIC SHEAR	TDS-10	16 lbf/in	70 N/25 mm
MVTR	TDS-16	26 g/100 in ² per 24 hr	400 g/m ² per 24 hr
ELONGATION			
MACHINE DIRECTION	TDS-15	350%	
CROSS DIRECTION	TDS-15	350%	
LOAD AT BREAK			
MACHINE DIRECTION	TDS-15	6.3 lbf/in	28 N/25 mm
CROSS DIRECTION	TDS-15	8.0 lbf/in	35 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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