

TECHNICAL DATA SHEET

MED 5561A

Single-Coated Film

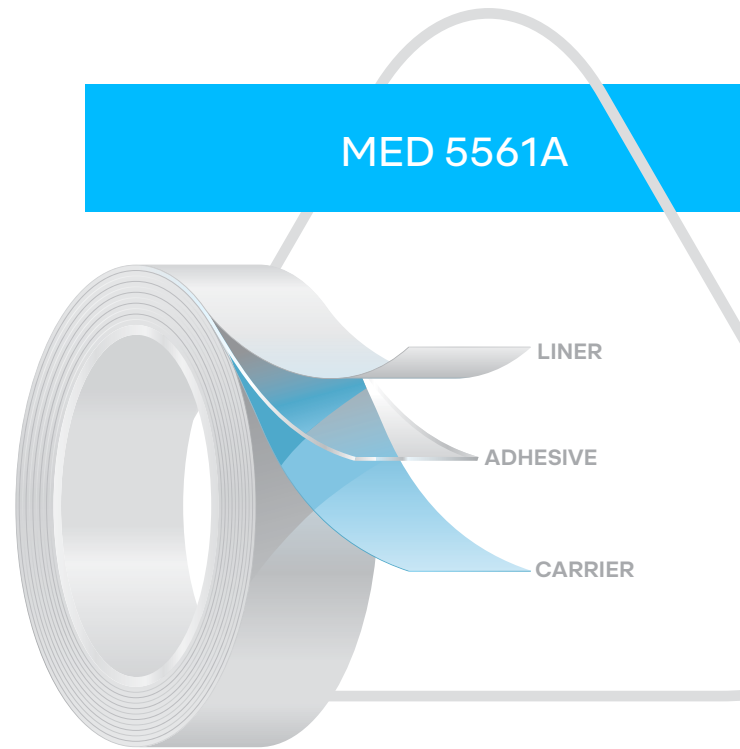
MED 5561A is a single-coated, soft, pliable, blue polyurethane film with an acrylic adhesive. This product's conformable film offers a high degree of user comfort, while its blue color allows detectability when used in applications, e.g., the food industry.

TYPICAL APPLICATION

Designed for wound care applications, finger bandages and situations requiring high MVTR and sustained periods of wear.

FEATURES AND BENEFITS

- Breathable
- Moisture resistant
- Bacterial barrier
- Detectable
- Die-cuttable
- Gamma and EtO sterilizable



Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	3.4 mils	84 µm	Blue polyurethane film
ADHESIVE THICKNESS	1.4 mils	35 µm	Acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	2.6 mils	65 µm	White super-calendered glassine paper

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE	TDS-01	0.7 lbf/in	3 N/25 mm
PEEL ADHESION ON STAINLESS STEEL	TDS-03	4.6 lbf/in	21 N/25 mm
LINER RELEASE	TDS-06	1.6 oz/in	46 g/25 mm
FINAT TACK	TDS-07	5.5 lbf/in	24 N/25 mm
DYNAMIC SHEAR	TDS-10	36 lbf/in	160 N/25 mm
MVTR	TDS-16	31 g/100 in ² per 24 hr	480 g/m ² per 24 hr
ELONGATION			
MACHINE DIRECTION	TDS-15	850%	
CROSS DIRECTION	TDS-15	875%	
LOAD AT BREAK			
MACHINE DIRECTION	TDS-15	18.5 lbf/in	84 N/25 mm
CROSS DIRECTION	TDS-15	18 lbf/in	81 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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