

# TECHNICAL DATA SHEET

MED 5561A

## Single-Coated Film

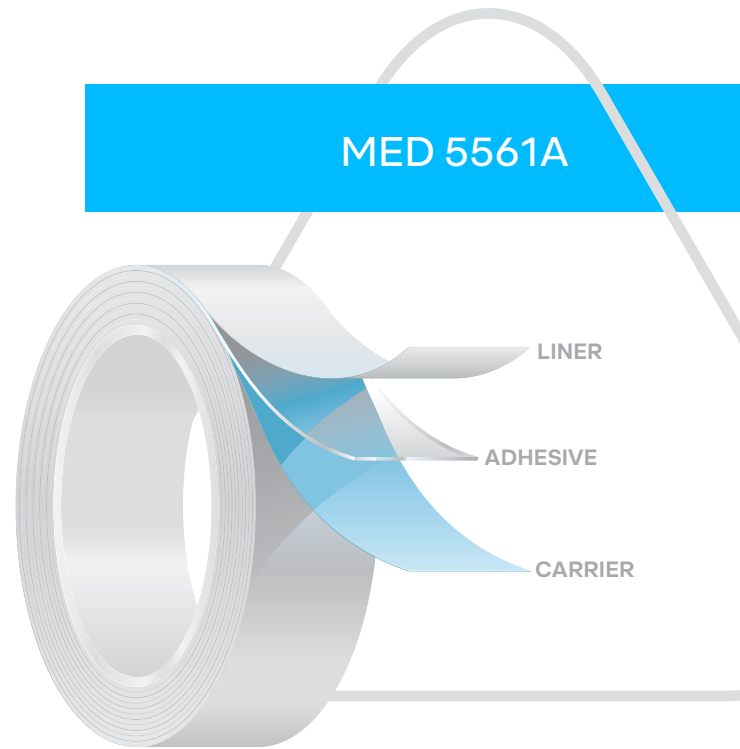
MED 5561A is a single-coated, soft, pliable, blue polyurethane film with an acrylic adhesive. This product's conformable film offers a high degree of user comfort, while its blue color allows detectability when used in applications, e.g., the food industry.

### 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 $\mu$ m	Blue polyurethane film
ADHESIVE THICKNESS	1.4 mils	35 $\mu$ m	Acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	2.6 mils	65 $\mu$ m	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 <sup>2</sup> per 24 hr	480 g/m <sup>2</sup> 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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