

TECHNICAL DATA SHEET

MED 5400

Single-Coated Nonwoven

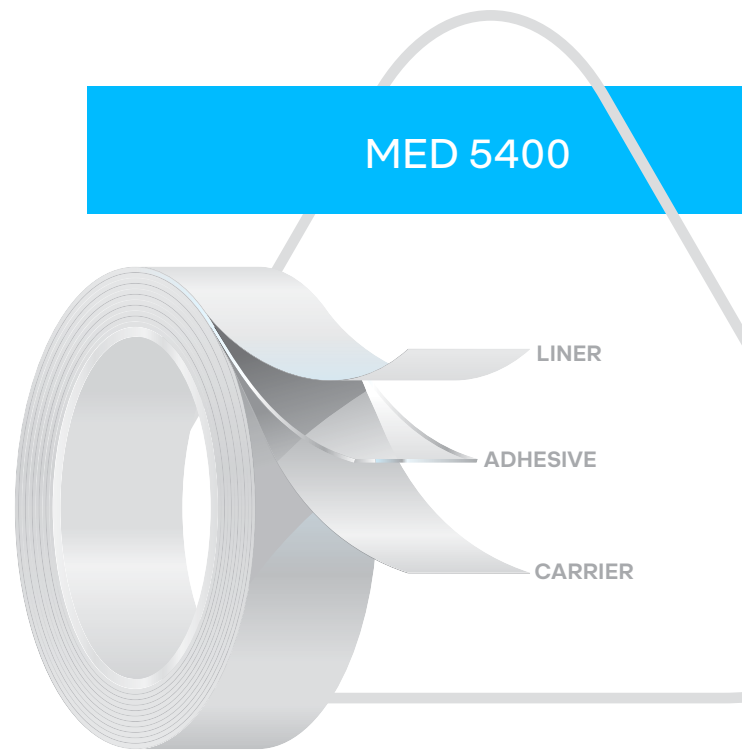
MED 5400 is a single-coated, durable white nylon nonwoven with an acrylic adhesive and white super-calendered kraft liner. This product is soft and conforms to most body contours.

TYPICAL APPLICATION

Designed for long-term wear applications such as wearable devices, ostomy flanges, and specialized wound dressings.

FEATURES AND BENEFITS

- Conformable
- Breathable
- Heat sealable
- Moisture resistant
- Die-cuttable
- Gamma and EtO sterilizable



Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	9.0 mils	229 μm	White nylon nonwoven
ADHESIVE THICKNESS	2.4 mils	61 μm	Acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	3.2 mils	81 μm	White super-calendered kraft

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE (PE)	TDS-01	0.7 lbf/in	3.1 N/25 mm
PEEL ADHESION ON STAINLESS STEEL (SS)	TDS-04	1.8 lbf/in	7.9 N/25 mm
LINER RELEASE	TDS-06	1.7 oz/in	47 g/25 mm
FINAT TACK	TDS-07	3.0 lbf/in	13 N/25 mm
STATIC SHEAR	TDS-12	820 minutes	
MVTR	TDS-16	113 g/100 in ² per 24 hr	1700 g/m ² per 24 hr

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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