

TECHNICAL DATA SHEET

MED 5322P

Single-Coated Nonwoven

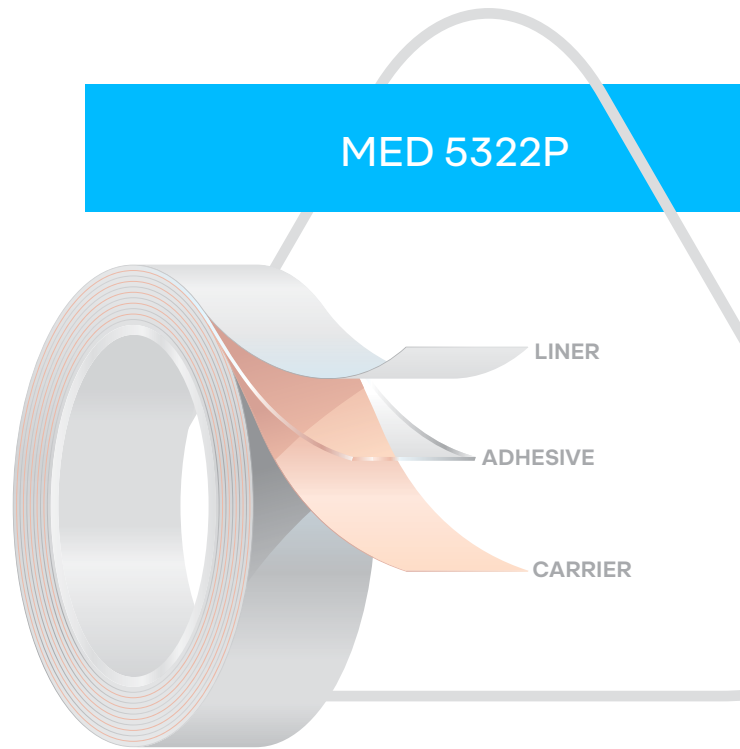
MED 5322P is a single-coated, tan spunlaced nonwoven with a porous acrylic adhesive. This product's unique construction creates a high MVTR, allowing air and moisture to pass freely through the breathable adhesive and nonwoven carrier, which can support extended wear and reduce the likelihood of skin maceration in some applications.

TYPICAL APPLICATION

Designed for TENS electrodes and other devices where good skin adhesion, comfort and breathability are desired.

FEATURES AND BENEFITS

- Highly breathable
- Heat sealable
- Extended wear time
- Die-cutable
- Gamma and EtO sterilizable



Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	22.6 mils	575 µm	Tan spunlaced nonwoven
ADHESIVE THICKNESS	2.0 mils	50 µm	Porous acrylic adhesive designed for medical applications
LINER THICKNESS	3.1 mils	80 µm	White single-coated kraft

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as a specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE (PE)	TDS-01	0.7 lbf/in	3.0 N/25 mm
PEEL ADHESION ON STAINLESS STEEL (SS)	TDS-05	0.8 lbf/in	3.5 N/25 mm
LINER RELEASE	TDS-06	1.5 oz/in	55 g/25 mm
FINAT TACK	TDS-07	1.8 lbf/in	8 N/25 mm
STATIC SHEAR	TDS-12	830 minutes	
MVTR	TDS-16	150 g/100 in ² per 24 hr	2300 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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