

TECHNICAL DATA SHEET

MED 5712P

Single-Coated Nonwoven

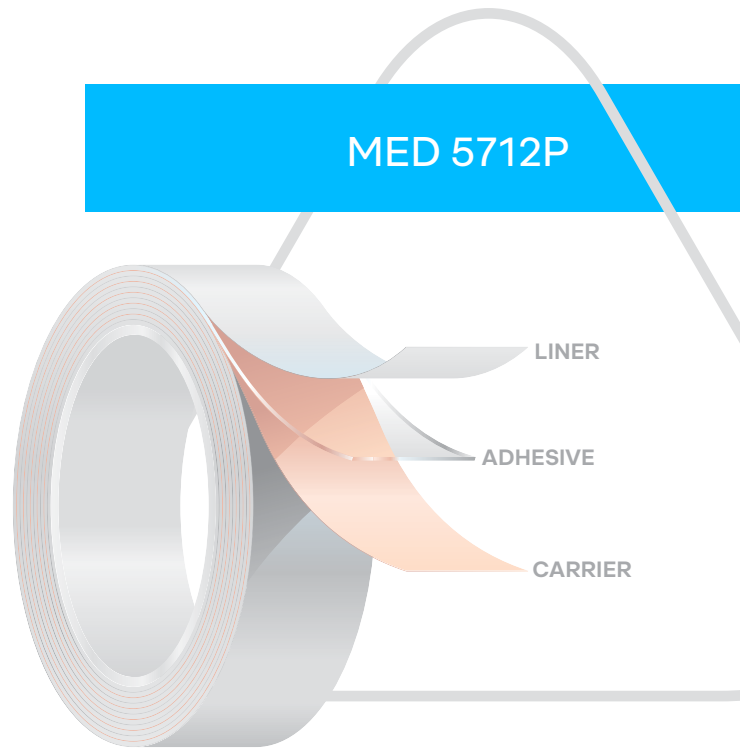
MED 5712P is a single-coated, tan spunlace nonwoven with a porous acrylic adhesive. This product's unique construction creates a high MVTR, allowing air and moisture to pass freely through the breathable adhesive and nonwoven carrier, which can support extended wear and reduce the likelihood of skin 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

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



Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	6.0 mils	150 µm	Tan spunlace nonwoven
ADHESIVE THICKNESS	1.2 mils	30 µm	Acrylic adhesive designed for medical applications
LINER THICKNESS	2.6 mils	65 µm	White super-calendered glassine

*Refer to product specifications for material acceptance limits.

MED 5712P

Single-Coated Nonwoven**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	1.0 lbf/in	4.4 N/25 mm
LINER RELEASE	TDS-06	1.9 oz/in	55 g/25 mm
FINAT TACK	TDS-07	2.4 lbf/in	10 N/25 mm
STATIC SHEAR	TDS-12	40 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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