

# TECHNICAL DATA SHEET

MED 6001P

## Double-Coated Nonwoven

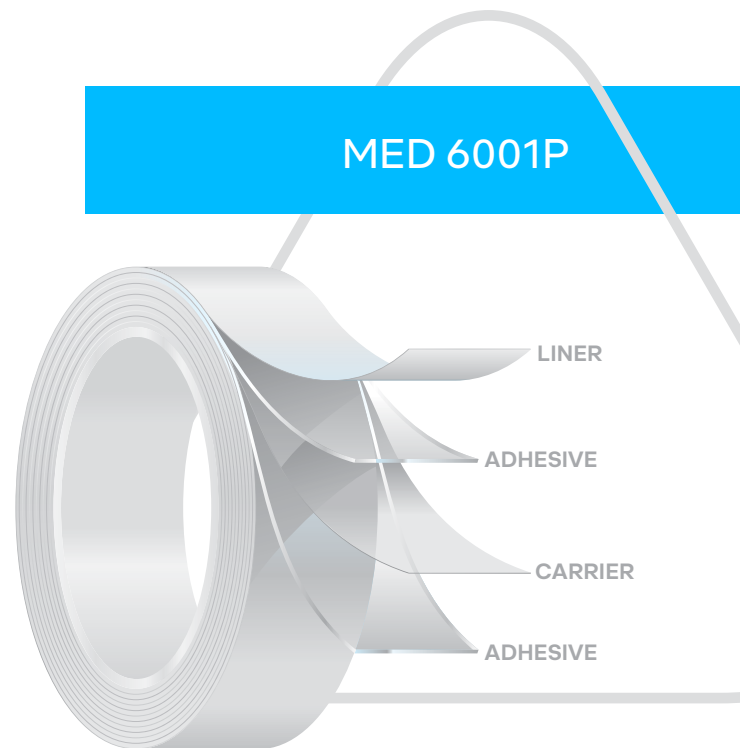
MED 6001P is a double-coated acrylic adhesive serving as a construction layer connecting a wearable device's skin contact material to its sensor/electronics casing. This product's unique structure allows for enhanced breathability through both the adhesive and nonwoven carrier. The nonwoven support layer makes it easy to die cut and run through other manufacturing processes.

### TYPICAL APPLICATION

Designed for glucose monitors, insulin pumps, activity trackers, electrocardiogram monitors and other mobile health and wellness applications.

### FEATURES AND BENEFITS

- High shear strength
- Enhanced breathability
- Low height profile
- Decreased potential for skin irritation in multilayered constructions
- Gamma and EtO sterilizable



### Product Construction

	TYPICAL VALUES*		DESCRIPTION
UNWIND ADHESIVE THICKNESS	1.5 mils	38 $\mu$ m	Acrylic adhesive, porous, for medical applications
CARRIER THICKNESS	3 mils	76 $\mu$ m	White, nylon-based nonwoven
LINER ADHESIVE THICKNESS	1.5 mils	38 $\mu$ m	Acrylic adhesive, porous, for medical applications
RELEASE LINER THICKNESS	3 mils	76 $\mu$ m	White, double-siliconized kraft paper

\*Refer to product specifications for material acceptance limits.

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**Double-Coated Nonwoven****Physical Properties** [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE	TDS-01	0.3 lbf/in	1.3 N/25 mm
PEEL ADHESION ON STAINLESS STEEL	TDS-04	2.3 lbf/in	10.4 N/25 mm
REVERSE TACK	TDS-09	4.3 lbf/in	19.4 N/25 mm
STATIC SHEAR	TDS-12	25,000+ minutes	
MVTR	TDS-16	35 g/100 in <sup>2</sup> per 24 hr	550 g/m <sup>2</sup> 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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