

TECHNICAL DATA SHEET

MED 5718P

Single-Coated Nonwoven

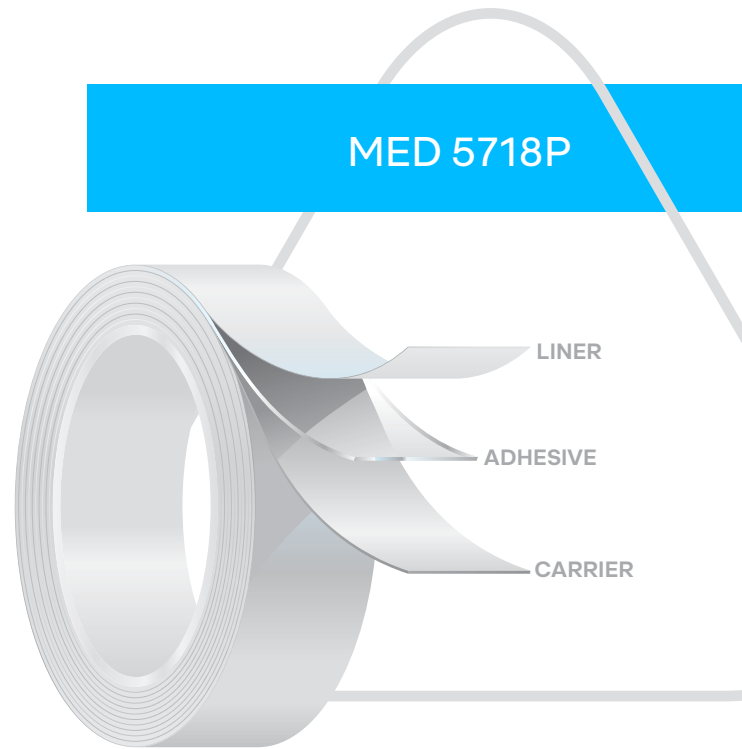
MED 5718P is a single-coated white, stretchable, polyester nonwoven with a porous acrylic adhesive. This product's unique construction creates a high MVTR, allowing air and moisture to pass freely through the breathable adhesive and nonwoven carrier, which can support extended wear and reduce the likelihood of skin maceration in some applications. The product's stretchable nonwoven is also ideal for adhering to highly contoured areas of the body.

TYPICAL APPLICATION

Designed for long-term wear applications such as wearable device, patient monitoring and specialized wound dressings.

FEATURES AND BENEFITS

- Conformable
- Stretchable
- Highly breathable
- Extended wear time
- High initial tack
- Gamma and EtO sterilizable



www.marianinc.com
1-800-773-0062

Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	7.5 mils	190 μ m	White stretchable PET nonwoven
ADHESIVE THICKNESS	2 mils	50 μ m	Porous acrylic adhesive designed for medical applications
RELEASE LINER THICKNESS	3 mils	76 μ m	White single-coated kraft

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
QUICK STICK ON STAINLESS STEEL	TDS-05	0.05 lbf/in	2.4 N/25 mm
LINER RELEASE	TDS-06	145 g/2 in	145 g/25 mm
STATIC SHEAR	TDS-12	100 minutes	
MVTR	TDS-16	129 g/100 in ² per 24 hr	2000 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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