### TECHNICAL DATA SHEET

### MED 5718P

# **Single-Coated Nonwoven**

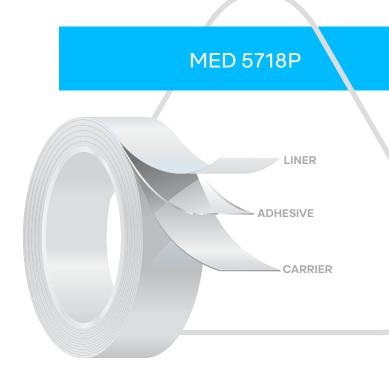
MED 5718P is a single-coated white, stretchable, polyester nonwoven with a porous acrylic adhesive. This product's unique construction creates a high MVTR, allowing air and moisture to pass freely through the breathable adhesive and nonwoven carrier, which can support extended wear and reduce the likelihood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



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



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



<sup>\*</sup>Refer to product specifications for material acceptance limits.

#### MED 5718P

## **Single-Coated Nonwoven**

Physical Properties [Not intended as specification]						
	TEST METHOD*	TYPICAL VALUES <sup>†</sup>				
QUICK STICK ON STAINLESS STEEL	TDS-05	0.5 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 in² per 24 hr	2000 g/m² per 24 hr			

MVTR, moisture vapor transmission rate.

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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<sup>\*</sup>Test method information available upon request.

<sup>†</sup>Refer to product specifications for material acceptance limits.