

TECHNICAL DATA SHEET

MED 5741

Single-Coated Nonwoven

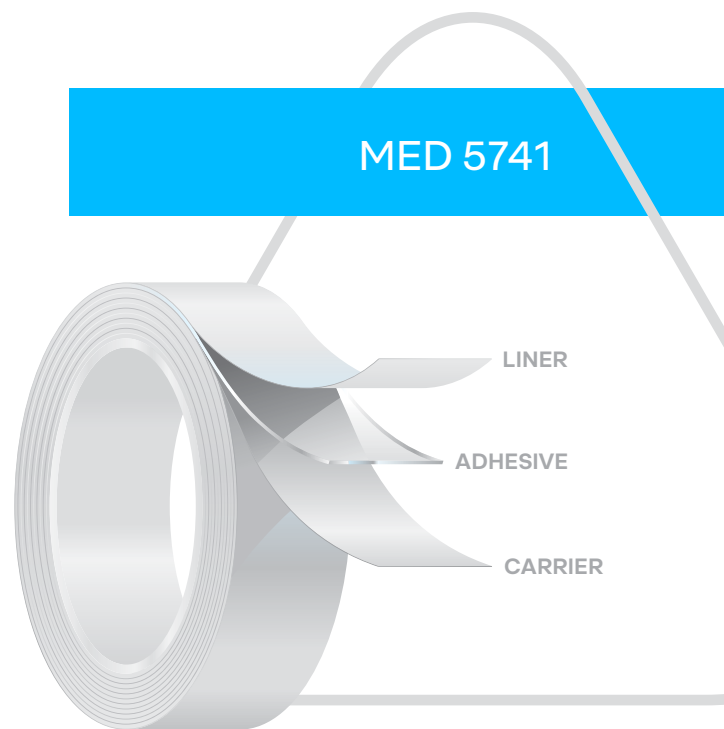
MED 5741 is a single-coated, white polyester nonwoven with an acrylic adhesive designed for long-term wear. This product is soft, conformable, and is highly breathable.

TYPICAL APPLICATION

Designed for multi-week wear-time applications, such as glucose monitors, insulin pumps, activity trackers, electrocardiogram monitors and other mobile health and wellness products

FEATURES AND BENEFITS

- Highly breathable
- Conformable and flexible
- Demonstrated multi-week wear
- Biocompatible per ISO 10993
- Die-cuttable and easy to handle
- Sterilization compatibility with Ethylene Oxide (EO) and Gamma Irradiation



www.marianinc.com

1-800-773-0062

Product Construction

	TYPICAL VALUES*		DESCRIPTION
CARRIER THICKNESS	13 mils	330 μ m	White polyester (PET) nonwoven
ADHESIVE THICKNESS	2 mils	51 μ m	Acrylic adhesive designed for medical applications
LINER THICKNESS	3 mils	76 μ m	White super-calendered kraft

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

	TEST METHOD*	TYPICAL VALUES†	
PEEL ADHESION ON POLYETHYLENE (PE)	TDS-01	0.9 lbf/in	3.9 N/25 mm
PEEL ADHESION ON STAINLESS STEEL (SS)	TDS-04	2.0 lbf/in	8.8 N/25 mm
QUICK STICK	TDS-05	0.7 lbf/in	3.1 N/25 mm
90 DEGREE LINER RELEASE	TDS-06	200 gf/2 inch	3.5 oz/inch
STATIC SHEAR	TDS-12	260 minutes	
MVTR	TDS-16	1000 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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