

TECHNICAL DATA SHEET

MED 5741

Single-Coated Nonwoven

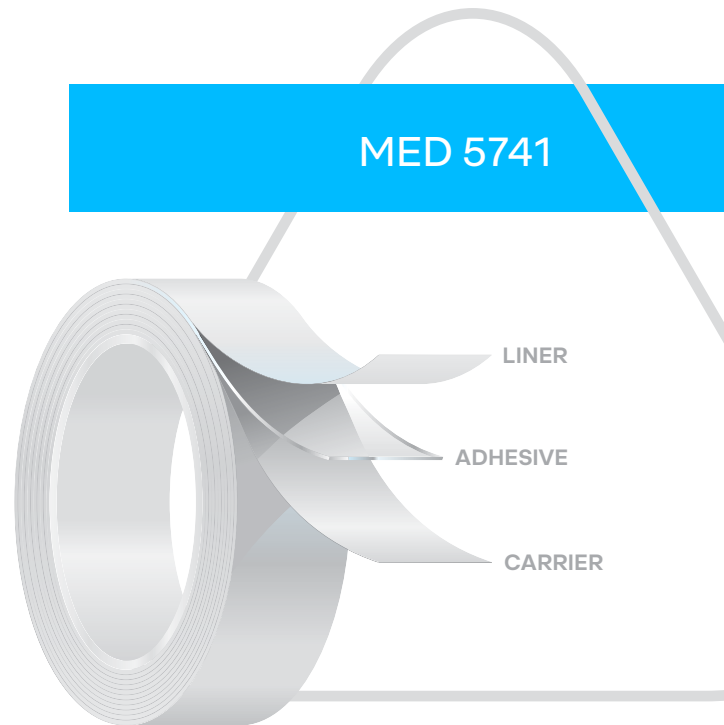
MED 5741 is a single-coated, white polyester nonwoven with an acrylic adhesive designed for long-term wear. This product is soft, conformable, and is highly breathable.

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



Product Construction

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