

TECHNICAL DATA SHEET

MED 4750U

Single-Coated Nonwoven

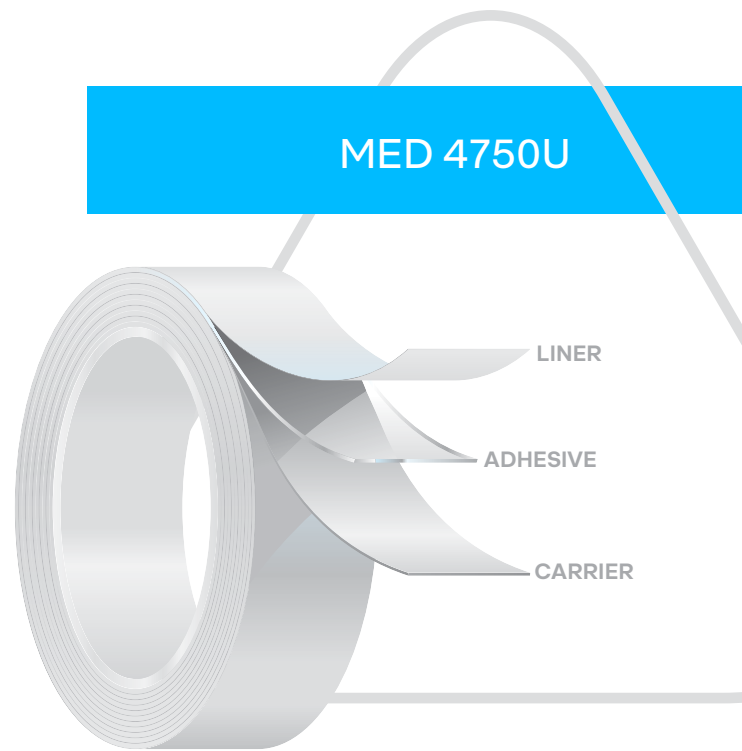
MED 4750U is a single-coated, water-repellent, white rayon (viscose) nonwoven with a solventless acrylic adhesive. This product's combination of a breathable adhesive and a unique water-repellent carrier allows for long-term wear and optimum patient comfort; it also acts as a fluid barrier, assisting to maintain its adhesion properties.

TYPICAL APPLICATION

Designed for fixation devices, electromedical devices and wound care applications.

FEATURES AND BENEFITS

- Conformable
- Breathable
- Moisture resistant
- Heat sealable
- Die-cutable
- Gamma and EtO sterilizable



Product Construction

| | TYPICAL VALUES* | | DESCRIPTION |
|--------------------|-----------------|-------------|--|
| CARRIER THICKNESS | 7.9 mils | 200 μ m | White, release-coated, 100% rayon (viscose) nonwoven |
| ADHESIVE THICKNESS | 1.0 mils | 25 μ m | Solventless acrylic adhesive designed for medical applications |
| LINER THICKNESS | 2.6 mils | 65 μ m | White super-calendered glassine |

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as a specification]

| | TEST METHOD* | TYPICAL VALUES† | |
|---------------------------------------|--------------|-------------------------------------|---------------------------------|
| PEEL ADHESION ON POLYETHYLENE (PE) | TDS-01 | 0.5 lbf/in | 2.0 N/25 mm |
| PEEL ADHESION ON STAINLESS STEEL (SS) | TDS-05 | 0.3 lbf/in | 1.5 N/25 mm |
| LINER RELEASE | TDS-06 | 2.0 oz/in | 55 g/25 mm |
| FINAT TACK | TDS-07 | 1.1 lbf/in | 5 N/25 mm |
| STATIC SHEAR | TDS-12 | 320 minutes | |
| MVTR | TDS-16 | 190 g/100 in ² per 24 hr | 2900 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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