

# TECHNICAL DATA SHEET

MED 5725P

## Single-Coated Nonwoven

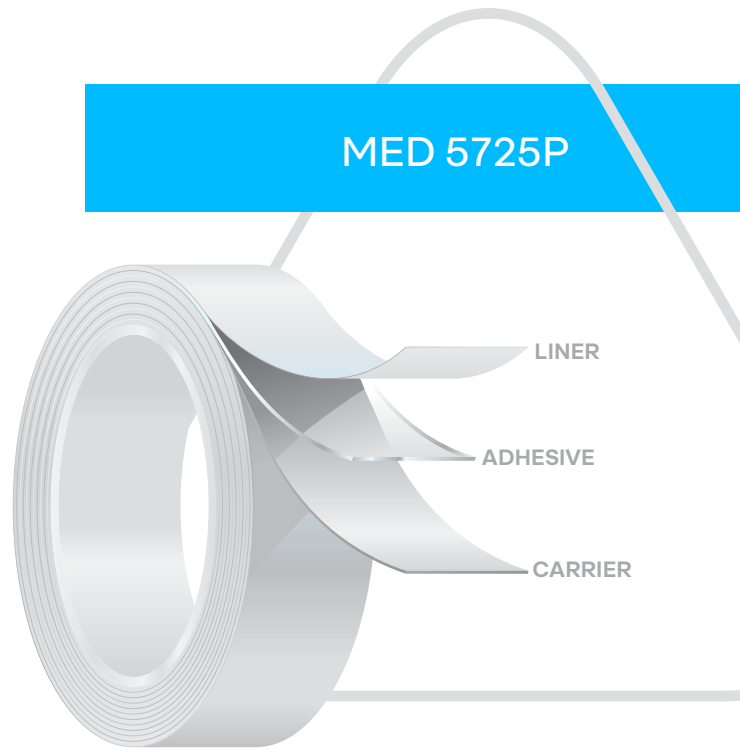
MED 5725P is a single-coated, white, embossed, soft polyethylene nonwoven with a porous acrylic adhesive. This product's unique construction creates a high MVTR, allowing air and moisture to pass freely through the breathable adhesive and nonwoven carrier, which can support extended wear and reduce the likelihood of skin maceration in some applications.

### TYPICAL APPLICATION

Designed for ostomy applications.

### FEATURES AND BENEFITS

- Conformable
- Highly breathable
- Extended wear time
- Heat sealable
- Die-cutttable
- Gamma and EtO sterilizable



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1-800-773-0062

### Product Construction

|                    | TYPICAL VALUES* |             | DESCRIPTION   |
|--------------------|-----------------|-------------|---|
| CARRIER THICKNESS  | 23.6 mils       | 600 $\mu$ m | White, embossed LDPE nonwoven                             |
| ADHESIVE THICKNESS | 2.0 mils        | 50 $\mu$ m  | Porous acrylic adhesive designed for medical applications |
| LINER THICKNESS    | 3.1 mils        | 80 $\mu$ m  | White single-coated kraft                                 |

\*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       | 0.8 lbf/in                          | 3.5 N/25 mm                     |
| PEEL ADHESION ON STAINLESS STEEL (SS) | TDS-05       | 1.0 lbf/in                          | 4.4 N/25 mm                     |
| LINER RELEASE                         | TDS-06       | 1.8 oz/in                           | 50 g/25 mm                      |
| FINAT TACK                            | TDS-07       | 2.2 lbf/in                          | 10 N/25 mm                      |
| STATIC SHEAR                          | TDS-12       | 20 minutes                          |                                 |
| MVTR                                  | TDS-16       | 120 g/100 in <sup>2</sup> per 24 hr | 1800 g/m <sup>2</sup> 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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