

# TECHNICAL DATA SHEET

MED 5674U

## Single-Coated Foam

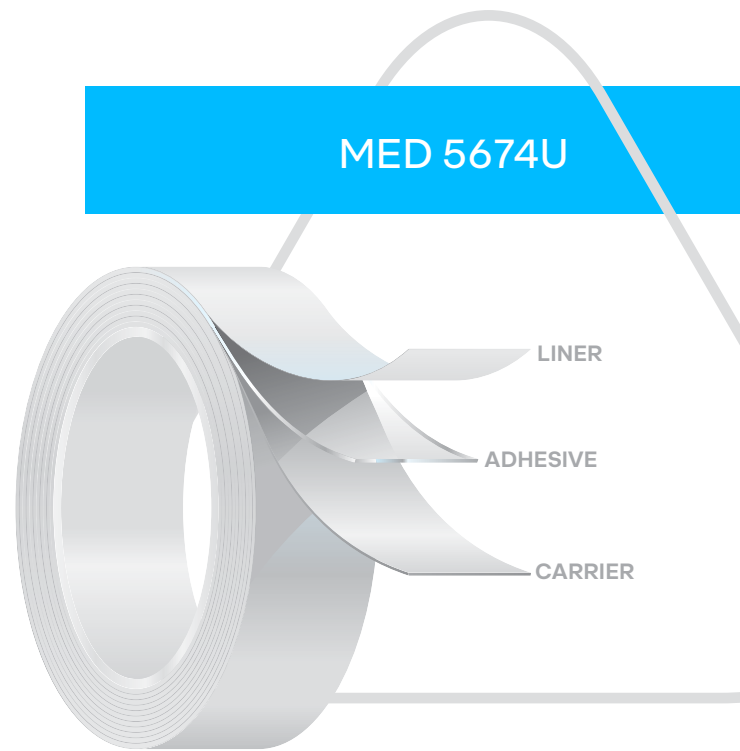
MED 5674U is a single-coated, white, soft, conformable polyethylene foam with a solventless acrylic adhesive. This product's high tack and level of adhesion provide for a strong bond to the skin, even under stress conditions. It contains a heavy-duty liner with an easy release, ideal for converting.

### TYPICAL APPLICATION

Designed for mounting electrodes, grounding pads and other devices for sustained periods.

### FEATURES AND BENEFITS

- Conformable
- Moisture resistant
- Die-cuttable
- Gamma and EtO sterilizable



### Product Construction

|                    | TYPICAL VALUES* |              | DESCRIPTION  |
|--------------------|-----------------|--------------|--|
| CARRIER THICKNESS  | 39.4 mils       | 1000 $\mu$ m | White polyethylene foam  |
| ADHESIVE THICKNESS | 2.8 mils        | 70 $\mu$ m   | Solventless acrylic adhesive designed for medical applications |
| LINER THICKNESS    | 2.6 mils        | 65 $\mu$ 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       | 1.2 lbf/in      | 5.5 N/25 mm  |
| PEEL ADHESION ON STAINLESS STEEL (SS) | TDS-04       | 3.3 lbf/in      | 14.5 N/25 mm |
| LINER RELEASE                         | TDS-06       | 1.4 oz/in       | 40 g/25 mm   |
| FINAT TACK                            | TDS-07       | 10.5 lbf/in     | 48 N/25 mm   |
| STATIC SHEAR                          | TDS-12       | 380 minutes     |              |
| ELONGATION                            |              |                 |              |
| MACHINE DIRECTION                     | TDS-15       | 450%            |              |
| CROSS DIRECTION                       | TDS-15       | 375%            |              |
| LOAD AT BREAK                         |              |                 |              |
| MACHINE DIRECTION                     | TDS-15       | 7 lbf/in        | 30 N/25 mm   |
| CROSS DIRECTION                       | TDS-15       | 3 lbf/in        | 15 N/25 mm   |

\*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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