

# TECHNICAL DATA SHEET

MED 5685A

## Single-Coated Foam

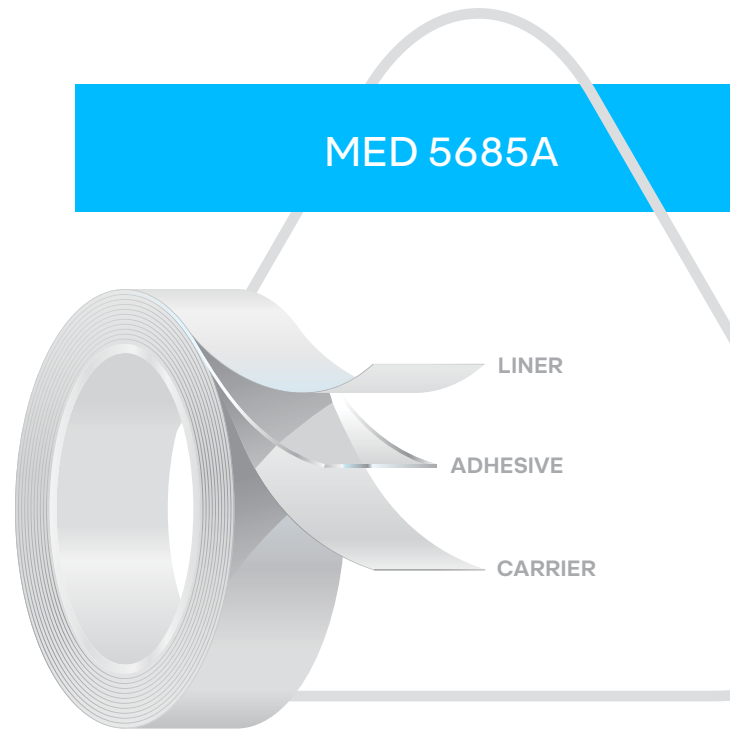
MED 5685A is a single-coated, white, soft, conformable polyethylene foam with an acrylic adhesive. This product's high tack and level of adhesion provide for a strong bond to the skin, even under stress conditions. It contains a heavy-duty liner with an easy release, ideal for converting.

### TYPICAL APPLICATION

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

### FEATURES AND BENEFITS

- Conformable
- Moisture resistant
- Excellent adhesion in moist conditions
- Die-cuttable
- Gamma and EtO sterilizable



| Product Construction |                 |         |  |
|----------------------|-----------------|---------|--|
|                      | TYPICAL VALUES* |         | DESCRIPTION  |
| CARRIER THICKNESS    | 39.4 mils       | 1000 µm | White polyethylene foam                            |
| ADHESIVE THICKNESS   | 2.0 mils        | 50 µm   | Acrylic adhesive designed for medical applications |
| LINER THICKNESS      | 2.6 mils        | 65 µm   | White super-calendered glassine                    |

\*Refer to product specifications for material acceptance limits.

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### Physical Properties [Not intended as a specification]

|                                       | TEST METHOD* | TYPICAL VALUES† |              |
|---------------------------------------|--------------|-----------------|--------------|
| PEEL ADHESION ON POLYETHYLENE (PE)    | TDS-01       | 1.1 lbf/in      | 5.0 N/25 mm  |
| PEEL ADHESION ON STAINLESS STEEL (SS) | TDS-04       | 3.7 lbf/in      | 16.0 N/25 mm |
| LINER RELEASE                         | TDS-06       | 1.7 oz/in       | 50 g/25 mm   |
| FINAT TACK                            | TDS-07       | 12.6 lbf/in     | 55 N/25 mm   |
| STATIC SHEAR                          | TDS-12       | 540 minutes     |              |
| ELONGATION                            |              |                 |              |
| MACHINE DIRECTION                     | TDS-15       | 375%            |              |
| CROSS DIRECTION                       | TDS-15       | 350%            |              |
| LOAD AT BREAK                         |              |                 |              |
| MACHINE DIRECTION                     | TDS-15       | 7 lbf/in        | 35 N/25 mm   |
| CROSS DIRECTION                       | TDS-15       | 4 lbf/in        | 20 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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