TECHNICAL DATA SHEET

MED 5637

Single-Coated Foam

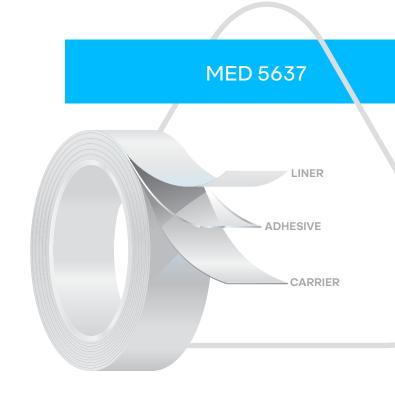
MED 5637 is a single-coated white, soft, highly conformable, thin polyethylene foam with an acrylic adhesive. This product's high tack and its level of adhesion provide for an aggressive bond to the skin under stress conditions. The product also contains a heavy duty liner with an easy release, ideal for converting.

TYPICAL APPLICATION

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

FEATURES AND BENEFITS

- Conformable
- Moisture resistant
- High adhesion to skin
- Die-cuttable
- Gamma and EtO sterilizable



| Product Construction | | | | | |
|-------------------------|-----------------|--------|--|--|--|
| | TYPICAL VALUES* | | DESCRIPTION | | |
| CARRIER THICKNESS | 1/32 in | 0.8 mm | White, closed cell polyethylene foam | | |
| ADHESIVE THICKNESS | 2.4 mils | 60 µm | Acrylic adhesive designed for medical applications | | |
| RELEASE LINER THICKNESS | 6.5 mils | 165 µm | White single-coated kraft | | |



^{*}Refer to product specifications for material acceptance limits.

MED 5637

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| Physical Properties [Not intended as specification] | | | | | | |
|---|--------------|-----------------------------|------------|--|--|--|
| | TEST METHOD* | TYPICAL VALUES [†] | | | | |
| PEEL ADHESION ON POLYETHYLENE | TDS-01 | 1.1 lbf/in | 5 N/25 mm | | | |
| PEEL ADHESION ON STAINLESS STEEL | TDS-04 | 3.4 lbf/in | 15 N/25 mm | | | |
| LINER RELEASE | TDS-06 | 2.1 oz/in | 70 g/25 mm | | | |
| FINAT TACK | TDS-07 | 12.6 lbf/in | 55 N/25 mm | | | |
| STATIC SHEAR | TDS-12 | 1720 minutes | | | | |
| ELONGATION | | | | | | |
| MACHINE DIRECTION | TDS-15 | 475% | | | | |
| CROSS DIRECTION | TDS-15 | 525% | | | | |
| LOAD AT BREAK | | | | | | |
| MACHINE DIRECTION | TDS-15 | 7.4 lbf/in | 33 N/25 mm | | | |
| CROSS DIRECTION | TDS-15 | 5.1 lbf/in | 23 N/25 mm | | | |

^{*}Test method information available upon request.

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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US: +1 440 534 2600 Belgium: +32 14 40 48 11 Ireland: +353 43 3349586

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[†]Refer to product specifications for material acceptance limits.