

TECHNICAL DATA SHEET

MED 5504

Single-Coated Film

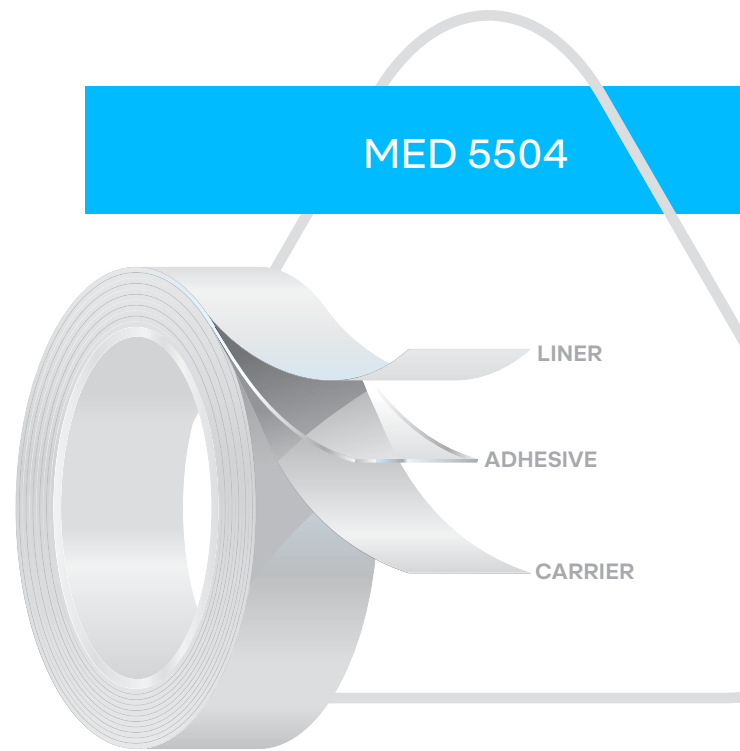
MED 5504 is a single-coated, pliable, transparent and conformable vinyl film with an acrylic adhesive. This product's conformability offers a high degree of user comfort, while its transparency allows for site visibility; in some applications, it can act as a barrier to assist in decreasing the risk of bacterial infections.

TYPICAL APPLICATION

Designed for mounting electromedical, ostomy and other devices to the skin for sustained periods.

FEATURES AND BENEFITS

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



Product Construction

| | TYPICAL VALUES* | | DESCRIPTION |
|-------------------------|-----------------|--------|--|
| CARRIER THICKNESS | 5 mils | 125 µm | Transparent vinyl film |
| ADHESIVE THICKNESS | 2 mils | 50 µm | Acrylic adhesive designed for medical applications |
| RELEASE LINER THICKNESS | 3.2 mils | 80 µm | Single-coated kraft |

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

| | TEST METHOD* | TYPICAL VALUES† | |
|----------------------------------|--------------|-----------------|--------------|
| PEEL ADHESION ON POLYETHYLENE | TDS-01 | 0.8 lbf/in | 3.5 N/25 mm |
| PEEL ADHESION ON STAINLESS STEEL | TDS-03 | 4 lbf/in | 18.2 N/25 mm |
| LINER RELEASE | TDS-06 | 1.8 oz/in | 36 g/25 mm |
| FINAT TACK | TDS-07 | 4 lbf/in | 17 N/25 mm |
| DYNAMIC SHEAR | TDS-10 | 14 lbf/in | 60 N/25 mm |
| ELONGATION | | | |
| MACHINE DIRECTION | TDS-15 | 250% | |
| CROSS DIRECTION | TDS-15 | 400% | |
| LOAD AT BREAK | | | |
| MACHINE DIRECTION | TDS-15 | 16.5 lbf/in | 75 N/25 mm |
| CROSS DIRECTION | TDS-15 | 17.5 lbf/in | 79 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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