

TECHNICAL DATA SHEET

MED 5083H

Hydrocolloid

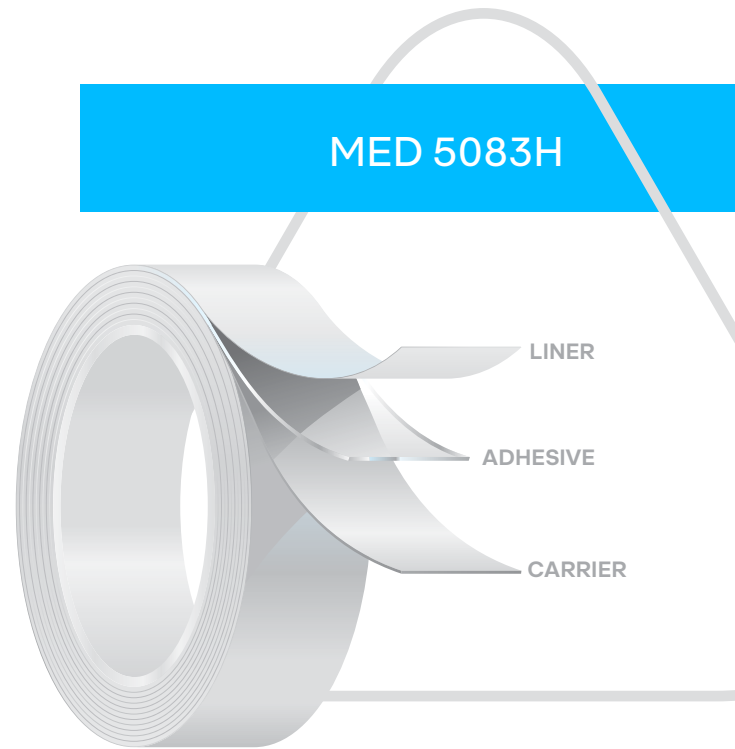
MED 5083H is a single-coated, transparent, embossed polyethylene film containing an integrated hydrocolloid formulation. This product's absorbent adhesive is designed to limit break down upon saturation, to assist in creating optimal skin and wound healing conditions, and has a high fluid handling capacity.

TYPICAL APPLICATION

Designed for ostomy flanges and specialized wound dressings.

FEATURES AND BENEFITS

- Conformable
- Integrated hydrocolloid
- High absorption rate
- Moisture resistant
- Die-cuttable
- Gamma sterilizable



Product Construction

| | TYPICAL VALUES* | | DESCRIPTION |
|-------------------------|-----------------|--------|--|
| CARRIER THICKNESS | 16.5 mils | 420 µm | Transparent embossed polyethylene |
| ADHESIVE THICKNESS | 24 mils | 600 µm | Hydrocolloid designed for medical applications |
| RELEASE LINER THICKNESS | 5.1 mils | 130 µm | White polyethylene-protected paper |

*Refer to product specifications for material acceptance limits.

Physical Properties [Not intended as specification]

| | TEST METHOD* | TYPICAL VALUES† | |
|----------------------------------|--------------|-------------------------------------|---------------------------------|
| PEEL ADHESION ON POLYETHYLENE | TDS-02 | 0.5 lbf/in | 2 N/25 mm |
| PEEL ADHESION ON STAINLESS STEEL | TDS-04 | 2.9 lbf/in | 12.5 N/25 mm |
| LINER RELEASE | TDS-06 | 3.4 oz/in | 88 g/25 mm |
| REVERSE TACK | TDS-09 | 3.4 lbf/in | 20 N/25 mm |
| STATIC SHEAR | TDS-14 | 200 minutes | |
| MVTR | TDS-17 | 120 g/100 in ² per 24 hr | 1900 g/m ² per 24 hr |
| STATIC ABSORPTION | TDS-17 | 340 g/100 in ² per 24 hr | 5250 g/m ² 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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