

TECHNICAL DATA SHEET

MED 5094H

Hydrocolloid

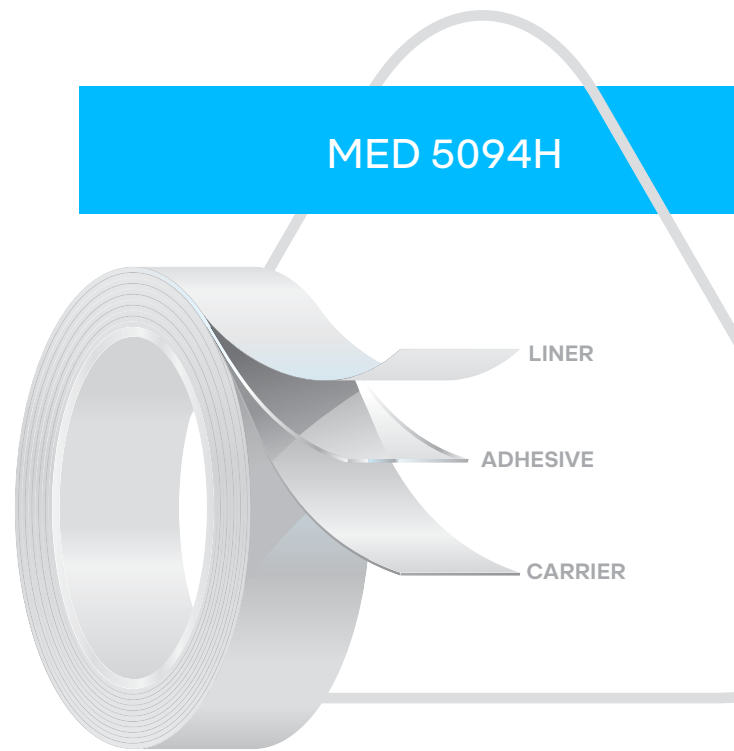
MED 5094H is a transparent, co-extruded EVA-PVDC-EVA film containing an advanced and integrated hydrocolloid formulation. This product's absorbent adhesive is designed to not break down upon saturation, provides a low profile, assists in creating optimal skin and wound healing conditions, and has a high fluid handling capacity.

TYPICAL APPLICATION

Designed for wound care and fixation of medical devices.

FEATURES AND BENEFITS

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



Product Construction

| | TYPICAL VALUES* | | DESCRIPTION |
|-------------------------|-----------------|-------------------|--|
| CARRIER THICKNESS | 3.7 mils | 95 μm | Transparent co-extruded EVA-PVDC-EVA film |
| ADHESIVE THICKNESS | 12 mils | 300 μm | Hydrocolloid designed for medical applications |
| RELEASE LINER THICKNESS | 3.4 mils | 85 μm | White super-calendered glassine |

*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 | 2.2 N/25 mm |
| PEEL ADHESION ON STAINLESS STEEL | TDS-04 | 1.1 lbf/in | 4.7 N/25 mm |
| LINER RELEASE | TDS-06 | 2.5 oz/in | 42 g/25 mm |
| REVERSE TACK | TDS-09 | 3.5 lbf/in | 15 N/25 mm |
| STATIC SHEAR | TDS-14 | 1560 minutes | |
| MVTR | TDS-17 | 3 g/100 in ² per 24 hr | 50 g/m ² per 24 hr |
| STATIC ABSORPTION | TDS-17 | 221 g/100 in ² per 24 hr | 3430 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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US: +1 440 534 2600

Belgium: +32 14 40 48 11

Ireland: +353 43 3349586

www.medical.averydennison.com