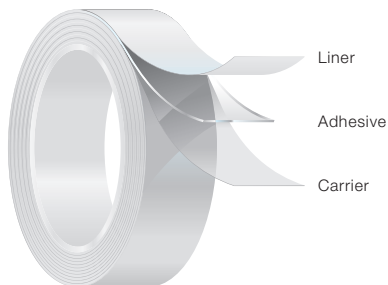


Single Coated



# 1.0mm Hydrocolloid with Transparent PU Film

## Typical Applications

MED 5581H is designed for wound care, ostomy and fixation of medical devices.

### Ostomy Wound Care

Spec # 58381

#### Product Profile

(not for specification use)

Test Methods: PSTC-33

		US Mils	MM's
<b>Carrier</b>	Transparent PU (Carrier and Adhesive)	42.1	1.07
<b>Adhesive</b>	H2410 Hydrocolloid	-	-
<b>Liner</b>	White poly-coated paper	5.0	0.13
	Total Construction	47.1	1.20

#### Features & Benefits

- Integrated
- Printable
- Transparent
- Moisture Resistant
- Elastic
- Conformable
- Die-cuttable
- Heat Sealable
- High Absorption Rate
- High Initial Tack
- Gamma Sterilization

#### Physical Properties

(not for specification use)

##### Adhesive Properties

###### Peel Adhesion

Test Method(s): PSTC-3, ASTM D-3330, STD-10

Product 90° 12" / min

Substrate	Lbf / in	US Oz / in	N / Meter
SS	1.8	29	320

###### Reverse Tack

Test Method(s): PSTC-5, STD-7

Product

Substrate	Lbf / in	US Oz / in	N / Meter
Product	4.1	66	720

###### TLMI Release

Test Method(s): PSTC-4, STD-8

Product 90° 300" / min

Substrate	Gf / 2 in w	G / Meter
Product	201	3960

###### Static Shear

Test Method(s): PSTC-7, ASTM D 3654, STD-9

Product 180°

Substrate	Min to Fail
Product	90

###### Static Absorption

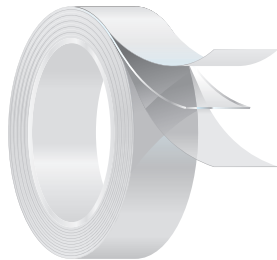
Product

Substrate	G / m <sup>2</sup> / 24 hr
Product	7170

- High
- Medium
- Low

## MED 5581H

Electromedical | Ostomy | Surgical | Wound Care



1.0mm Hydrocolloid  
with Transparent PU Film

## MED 5581H

If you require a larger sample size, please contact your  
Account Manager or Customer Service.

## Applications Information

- Duality of attributes: Adhesive and absorbent.
- Stimulate healing process.
- Integrated: Will not break down in the wound.
- No animal derived components.
- Soft and pliable carrier gives high conformability.
- Controlled cold flow.
- High absorption rate and saturation point.
- Recommendation: Gamma and EB radiation.
- EtO sterilization is not recommended.

## Storage and Shelf Life

Two years when stored at 70°F (21°C), 50% relative humidity, out of direct sunlight, in original packaging.

## Safety

H2410 hydrocolloid adhesive has been tested by an independent laboratory for subchronic dermal irritation screening in the rabbit (ISO part 10), and for invitro cytotoxicity using the ISO elution method in the L-929 mouse fibroblast cell line. Results showed slight irritation and no evidence of causing cell lysis or toxicity. If further information is required regarding the safety of Avery Dennison Specialty Tape Division medical products, contact your sales representative or our Medical Products Department. If the further information is required regarding the safety of Avery Dennison Specialty Tape Division medical products, contact your sales representative or our Medical Products Department.

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\*Or in the time period stated on the specific product specification sheet, if any, and if not then on the specific product information literature in effect at time of shipment.

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