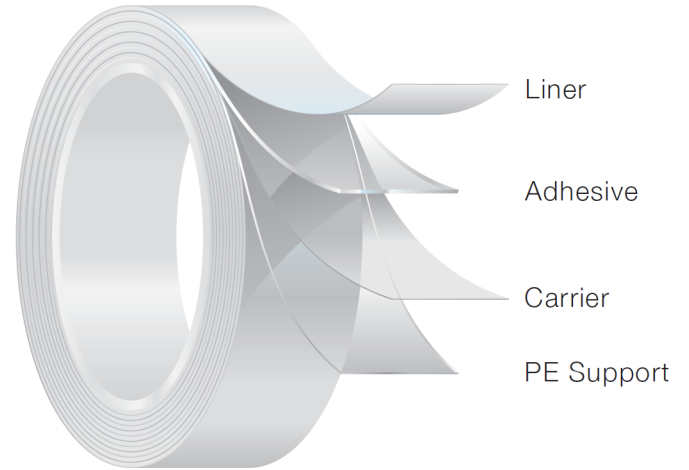


## TECHNICAL DATA SHEET

**Avery Dennison MED 5544U** is a single-coated, soft, pliable, matte polyurethane film with a solventless acrylic adhesive. This product's thin and conformable film, along with its high breathability offer a high degree of user comfort.

### TYPICAL APPLICATION

Designed for use in wound care, IV securement, and situations requiring very high MVTR and sustained periods of wear.



### FEATURES AND BENEFITS

- Thin and conformable
- Highly breathable
- Die-cuttable
- Extended wear time
- Printable
- Moisture resistant
- Gamma and EtO sterilizable

### PRODUCT INFORMATION (not intended as a specification)

	Typical Values		Description
Support Thickness	1.6 mils	40 µm	Transparent polyethylene film
Carrier Thickness	0.8 mils	20 µm	Matte polyurethane film
Adhesive Thickness	1.2 mils	30 µm	Solventless acrylic adhesive designed for medical applications
Liner Thickness	2.7 mils	70 µm	White super-calendered glassine



Medical

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PHYSICAL PROPERTIES (not intended as a specification)

	Test Method*	Typical Values †	
Peel Adhesion on Polyethylene (PE)	TDS-01	0.6 lbf/in	2.6 N/25 mm
Peel Adhesion on Stainless Steel (SS)	TDS-03	1.1 lbf/in	4.7 N/25 mm
Liner Release	TDS-06	1.2 oz/in	35 g/25 mm
Finat Tack	TDS-07	4.8 lbf/in	21 N/25 mm
Dynamic Shear	TDS-10	35 lbf/in	150 N/25 mm
Elongation - Machine Direction	TDS-15	675%	
Elongation - Cross Direction	TDS-15	675%	
Load at Break - Machine Direction	TDS-15	2.0 lbf/in	10 N/25 mm
Load at Break - Cross Direction	TDS-15	2.0 lbf/in	10 N/25 mm
MVTR	TDS-16	90 g/100in <sup>2</sup> /24h	1400 g/m <sup>2</sup> /24h

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.

IMPORTANT

Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. This document is not a product specification. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All Avery Dennison materials described herein are sold subject to Avery Dennison Conditions of Sales, a copy of which is available upon request.

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**United States:** +1 440 358 2600

**Belgium:** +32 14 40 48 11

**Ireland:** +353 43 3349586

[www.medical.averydennison.com](http://www.medical.averydennison.com)