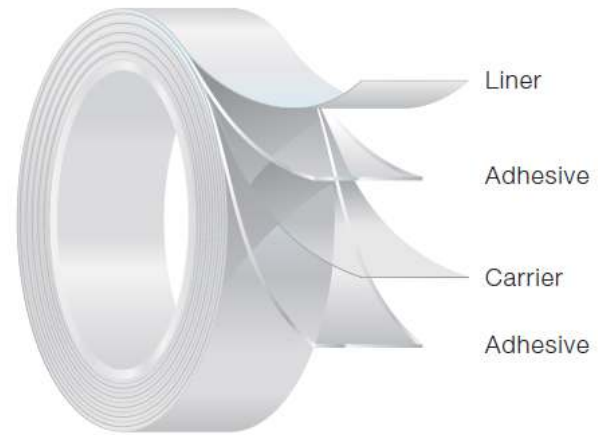


## TECHNICAL DATA SHEET

**Avery Dennison MED 3046** is a double-coated, conformable, transparent polyurethane film with an acrylic-based adhesive on both sides. This product is designed to adhere to polyester (PET) nonwoven material on one side and rigid wearable devices on the other side. It has a heavy-weight liner, allowing for greater flexibility in product design and converting processes.



### TYPICAL APPLICATION

Designed for mounting medical devices to the skin for sustained periods of wear, up to 21 days.

### FEATURES AND BENEFITS

- Conformable
- Moisture resistant
- Transparent
- Die-cuttable
- Sterilization compatibility with ethylene oxide (EO) and gamma irradiation

### PRODUCT INFORMATION

	Typical Values		Description
Unwind Adhesive Thickness	2.0 mils	50 µm	Acrylic-based adhesive designed for medical applications
Carrier Thickness	1.0 mil	25 µm	Transparent polyurethane (PU) film
Liner Adhesive Thickness	1.7 mils	43 µm	Acrylic-based adhesive designed for medical applications
Liner Thickness	3.0 mils	76 µm	White super-calendered kraft

PHYSICAL PROPERTIES (not intended as a specification)

	Test Method*	Typical Values †	
90-Degree Peel Adhesion on Stainless Steel (SS) - Liner	TDS-04	> 8.0 lbf/in**	> 35.6 N/25mm**
90-Degree Peel Adhesion on Stainless Steel (SS) - Unwind	TDS-04	> 8.0 lbf/in**	> 35.6 N/25mm**
90 Degree Release - Liner	TDS-06	1.0 oz/in	28.5 g/25 mm
90 Degree Release - Unwind	TDS-06	1.0 oz/in	29.5 g/25 mm
Elongation - Machine Direction	TDS-15	460%	
Elongation - Cross Direction	TDS-15	429%	
Load at Break - Machine Direction	TDS-15	10.6 lbf/in	47.0 N/25 mm
Load at Break - Cross Direction	TDS-15	10.4 lbf/in	46.4 N/25 mm

\*Test method information available upon request.

\*\*Adhesion to stainless steel is higher than the internal strength of the carrier.

† 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. 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.

To learn more about how our material and adhesive science expertise can help drive your next innovation, call:

**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)

©2023, Avery Dennison Corporation. Avery Dennison and the triangle logo are registered trademarks of Avery Dennison Corporation. All rights reserved.

MTR-MKT-000390-A



**AVERY DENNISON**

Medical