

TECHNICAL DATA SHEET

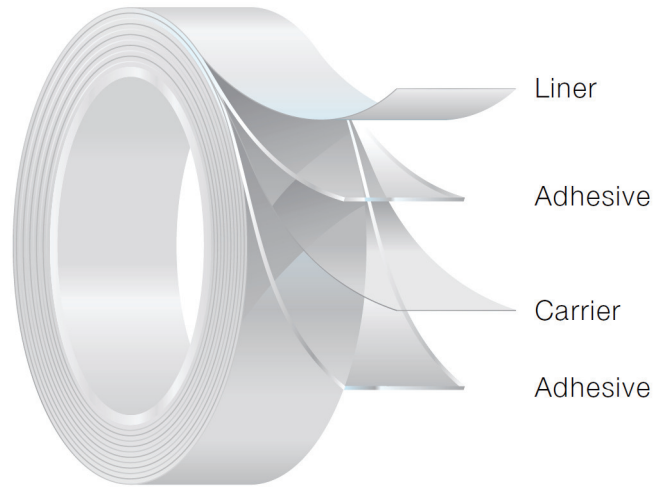
Avery Dennison MED 6653 is a double-coated, white, soft, conformable, thin polyethylene foam with a rubber adhesive on the mounting side and a solventless acrylic adhesive on the laminating side. This product offers a high initial tack and high adhesion to the skin. The liner is ideal for kiss cutting, die cutting and converting.

TYPICAL APPLICATION

Designed for ostomy flanges and fixation devices.

FEATURES AND BENEFITS

- Thin and conformable
- Moisture resistant
- Heat sealable
- Die-cuttable
- Gamma and EtO sterilizable



PRODUCT INFORMATION (not intended as a specification)

	Typical Values		Description
Release Liner Thickness	2.8 mils	70 µm	Siliconized white super-calendered glassine
Liner Adhesive Thickness	2.0 mils	50 µm	Synthetic rubber adhesive designed for medical applications
Carrier Thickness	23.6 mils	600 µm	White polyethylene foam
Unwind Adhesive Thickness	1.6 mils	40 µm	Solventless acrylic adhesive designed for medical applications



Medical

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PHYSICAL PROPERTIES (not intended as a specification)

	Test Method*	Typical Values †	
Peel Adhesion on Polyethylene (PE) - Liner	TDS-02	3.0 lbf/in	13.0 N/25 mm
Peel Adhesion on Polyethylene (PE) - Unwind	TDS-01	0.7 lbf/in	3.0 N/25 mm
Peel Adhesion on Stainless Steel (SS) - Liner	TDS-04	> 9.0 lbf/in	> 40.0 N/25 mm
Peel Adhesion on Stainless Steel (SS) -Unwind	TDS-04	9.0 lbf/in	40.0 N/25 mm
Liner Release	TDS-06	1.6 oz/in	45 g/25 mm
Finat Tack - Liner	TDS-08	0.6 lbf/in	2.5 N/25 mm
Finat Tack - Unwind	TDS-07	8.0 lbf/in	35 N/25 mm
Static Shear - Liner	TDS-13	> 10,000 minutes	
Static Shear - Unwind	TDS-12	560 minutes	
Elongation Machine Direction	TDS-15	375%	
Elongation Cross Direction	TDS-15	375%	
Load at Break Machine Direction	TDS-15	7 lbf/in	30 N/25 mm
Load at Break Cross Direction	TDS-15	4 lbf/in	20 N/25 mm

*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.

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

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