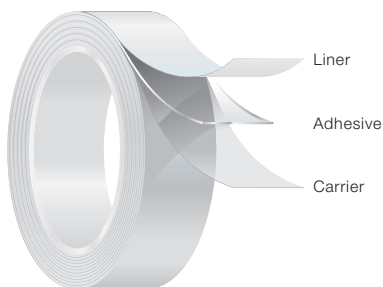


Single Coated



Single Coated Clear Polyethylene Film

Typical Applications

Clear polyethylene is a multi-purpose film used for surgical tape and as a component of medical devices.

- Electromedical
- Ostomy
- Surgical
- Wound Care

Spec # 57105

Product Profile

(not for specification use) Test Methods: PSTC-33, ASTM D-1000, TAPPI T-411-M-44

		US Mils	MM's
Carrier	Clear polyethylene	3.0	0.08
Adhesive	Acrylic	1.8	0.05
Liner	60# Densified Kraft	3.6	0.09
	Total Construction	8.4	0.21

Features & Benefits

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

- High
- Medium
- Low

Physical Properties

(not for specification use)

Adhesive Properties

Peel Adhesion Test Method(s): PSTC-1, ASTM D-3330, STD-10
Product 180° 12" / min

Substrate	Test Side	Lbf / in	US Oz / in	N / Meter
SS	Liner	3.9	62	683

TLMI Release Test Method(s): PSTC-4, STD-8
Product 90° 300" / min

Test Side	Gf / 2 in w
Liner	75

Tensile Test Method(s): PSTC-31, ASTM D 883, STD-3A,B,C
Product MD

Direction	PSI
MD	3000
CD	2600

Elongation Test Method(s): PSTC-31, ASTM D 883, STD-3A,B,C
Product MD

Direction	%
MD	470
CD	540

MED 5051

Electromedical | Ostomy | Surgical | Wound Care

Applications Information

- Firm, stable acrylic adhesive.
- Flexible, clear film.
- High user comfort on most body surfaces.
- Minimizes lifting and improves device performance.
- Does not irritate skin.
- Die cuts easily.

Storage and Shelf Life

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

Safety

The adhesive used on MED 5051 is an acrylic co-polymer. This adhesive has been tested by an independent laboratory on humans as well as animals. The results indicate that the adhesive is non-irritating and non-sensitizing in humans. The tests run on animals were in accordance with Title 16 of the code of Federal Regulations, paragraph 1500.41. The Repeat Insult Patch Test was used to determine sensitization in humans and to indicate potential safe use of MED 5051 in medical devices. Good Manufacturing Practice places the burden of safe product performance on the manufacturer or processor of the device. 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.

Limited Warranty

All statements, technical information and recommendations concerning products sold or samples provided by AVERY DENNISON are based upon tests believed to be reliable but do not constitute a guarantee or warranty. All products are sold and samples of products provided with the understanding that PURCHASER has independently determined the suitability of such products for its purposes. AVERY DENNISON warrants the products to be free from defects in material and workmanship. Should any failure to conform to this warranty appear within one year* after the initial date of shipment, AVERY DENNISON shall, upon notification thereof and substantiation that the products have been stored and applied in accordance with AVERY DENNISON's standards, correct such defects by suitable repair or replacement without charge at AVERY DENNISON's plant or at the location of the products (at AVERY DENNISON's election) provided, however, if AVERY DENNISON determines that the repair or replacement is not commercially practical, AVERY DENNISON shall issue credit in favor of PURCHASER in an amount not to exceed the purchase price of the products.

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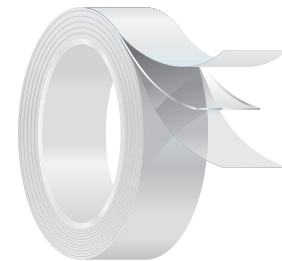
*Or in the time period stated on the specific product specification sheet, if any, and if not then on the specific product information literature in effect at time of shipment.

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

MED 5051



Single Coated Clear
Polyethylene Film