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3M Medical Materials & Technologies

4077 SC Elastic Extended Wear Nonwoven Tape

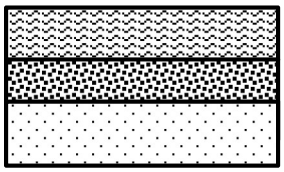
Effective: March 2020 Supersedes all previous versions



Features and Benefits:

- Suitable for Skin Contact per ISO:10993
- Easy to Handle & Convert
- Comfortable, Conformable
- EtO, E-Beam & Gamma Sterilization Compatible[1]
- Excellent Extended Wear[1]
- Omni–directional Stretch for Comfort

Composition:



Backing White Elastic Nonwoven, ~6.3 mils [0.16 mm], Printable[2]

Adhesive Tackified Acrylic-based, developed for skin contact, ~2.8 mils [0.07 mm]

Liner 83 lbs. Bleached Poly-coated Kraft paper, silicone release on one side, 6 mils ± 0.8 mils (0.15 mm ± 0.02 mm), Printable

Note: The values listed below should be considered representative or average only and should not be used for specification purposes.

Product Properties: 3M test methods are available upon request. * Included on CofA for orders.

***Adhesion to LDPE, 180 deg Peel**	33.7 ounces/inch width [0.96 kg/25.4 mm]
***Liner Release, 180 deg Peel**	~25 grams/inch width [~25 g/25.4 mm]
Moisture Vapor Transmission Rate	~185 gms/sq.m./24 hrs.

Roll Description: Tape supplied on 3 inch (76 mm) internal diameter cardboard cores.

Length, Maximum	400 yds (365.8 meters)
Width, Maximum	48 inch (122 cm) ± 1/32 inch (1.0 mm)

Splices: Splices on the tape are intended for continuous processing.

Roll Width	Maximum Number of Splices per Roll
≤ 8 inches (20 cm)	3 per 1-100 yards/0.9 - 91.4 meters
	5 per 101 – 200 yards/91.5 - 182.9 meters
	7 per 201 – 300 yards/183 - 274.3 meters
	9 per 301 – 400 yards/274.4 - 365.8 meters

Shelf Life and Recommended Storage:

Product as supplied in original packaging will maintain stated properties for a period of two [2] years from date stamped on shipping container when stored at temperatures of 50-80°F (10-27°C) and a relative humidity between 40-60 percent.

Please see reverse side for important product, safety and warranty information.

[1] Conditions based on 3M internal studies may not be representative of actual end use/performance and we recommend our OEM customers run their own studies using their device design.

[2] May require pre-treatment to increase ink anchorage before printing.

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Product and Safety Information: User is solely responsible for determining the suitability of 3M samples and products for the intended use including any necessary safety or toxicity assessment. 3M will provide Material Safety Data Sheets or equivalent and summary results of biocompatibility testing upon request. In every case before using any product in full scale production users should conduct their own tests to determine to their own satisfaction whether the product is of acceptable quality and is suitable for their particular purposes under their own operating conditions.
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Call us at Customer Service to place an order: 800-742-1994 (U.S.). Visit our website: **www.3M.com/MedTech** for product and services information, news about conferences we will be attending, new product highlights or to make a direct inquiry.

To have a sales representative contact you, to request samples or clinical and safety summaries, please contact us at 3M HELPLINE 800-228-3957 (U.S.) or for international inquiries, please contact your local country representative.

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March 2020