

3M Medical Materials & Technologies

Product Number 4578 [aka MSX-7401X]

3M SC Nonwoven Extended Wear Adhesive Tape on Liner

Effective: January 2023

Proposed Features and Benefits:

- Extended Wear Acrylate Adhesive
- Flexible and Conformable
- Excellent Skin Adhesion
- Up to 28 days Wear Time on Skin¹
- EtO Sterilization Compatible
- Paper-based Silicone Release Liner

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

Current Composition:

Tape Caliper	~13 mils [~0.33 mm] White Spunlace Polyester Nonwoven Tape
Backing	100% Polyester White Spunlace Nonwoven, Printable ¹
Adhesive	~4 mil [~0.10 mm] 3M Medical Extended Wear Acrylate Adhesive
Release Liner	3.5 mil [0.09 mm] 60 lbs. Bleached SCK Paper Liner, DC Silicone Release

Current Properties: Based on limited number of lots & subject to change

Adhesion to Low Density Polyethylene, 180° Peel	~43 ounces/inch width [~1219 gms/25.4 mm] [~12 Newtons/25.4 mm]
Average Liner Release, 180° Peel	~68 gm/in. width [~0.67 Newtons/25.4 mm]

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

Length, Minimum	25 yards [~22.9 meters]
Length, < 2" Maximum	250 yards [~229 meters] 1 inch/25 mm minimum width
Length, ≥ 2" Maximum	500 yards [~457 meters]
Width, Maximum	23 inches [~584 mm/~58 cm]

Recommended Storage & Preliminary Rollstock Shelf Life:

Product as supplied in original packaging will maintain stated properties for a period of one [1] year from date stamped on shipping container when stored at temperatures of 50-80°F (10-27°C) and relative humidity between 40-60 percent.

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.

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

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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