

Medical Materials & Technologies

**3M™ Medical Silicone Tape 2480, Hi-Tack  
Single Sided Polyester Spunlace Nonwoven**



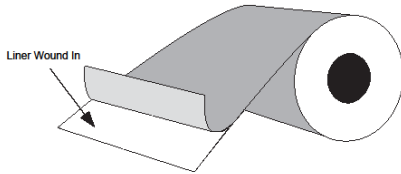
**Product Description**

This nonwoven medical tape on a roll consists of a white spunlace polyester nonwoven backing, one side coated with 3M proprietary silicone adhesive for repositionable attachment to skin. May be used for health care medical devices.

**Features and Benefits**

- Hi-Tack Silicone Adhesive for Skin
- Flexible, Conformable, Repositionable
- Excellent Skin Adhesion Up to 4 days
- Non-Silicone/Non-Fluorinated Release liner
- ETO Sterilization Compatible Only
- Printable liner and backing

**Composition**



A: Backing	~9mils (~0.2 mm) White Nonwoven Polyester Backing
B: Adhesive	~4 mils (~0.1 mm) Medical Higher Adhesion Silicone Adhesive
C: Liner	~3 mil (0.08 mm) Clear Polyester Film with non-silicone release on one side

Roll Description	
<b>Roll Length (Maximum)</b>	<2 inches wide – 300 yards (~274 meters) ≥ 2 inches wide – 500 yards. (~ 457 meters)
<b>Roll Width (Maximum)</b>	24 inches (60.96 cm) ± 1/16 inch (1.5 mm)
<b>Splices per Roll (Roll Width ≤ 8 inches (20 cm))</b>	Maximum 4 per 1 - 100 yards (1 - 91 meters), 12 per 101 - 500 yds. (92 - 457 meters)

## Adhesion, Liner Release, Moisture Vapor Transmission Rate

*Adhesion to Low Density Polyethylene (LDPE), 180 deg	11.5 ounces/inch width (3.2 N/25 mm)
*Liner Release, average	7.52 gm/in (29 mN/cm) [typical]
**Moisture Vapor Transmission Rate	~600 gms/sq. m/24hrs

\*Based on limited production and subject to change

\*\* Upright bottle method

## Biocompatibility Testing

Product 2480 has been subjected to the following safety evaluations.

Study Type	Test method	Standard	Result
Cytotoxicity	Agar overlay	ISO 10993-5	Not cytotoxic
Cytotoxicity	MEM Elution	ISO 10993-5	Not cytotoxic
Skin Irritation	ISO Skin Irritation Study in Rabbits	ISO 10993-10	Non-Irritating
Sensitization	ISO Guinea Pig Maximization Sensitization	ISO 10993-10	Non-Sensitizing

## Recommended Storage Conditions & Shelf Life

Product as supplied by 3M 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.

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.

**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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#### **Ordering Information**

To place an order, call our Customer Service at: **800-742-1994 (U.S.)**. For all orders outside the United States, please contact your local country representative or check out **3M.com/MedTechFindaRep** for your region's contact information.

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 check out **3M.com/MedTechContactUs** for your region's contact information.

Visit our website: **www.3M.com/MedTech** for product and services information, news, events, new product highlights or to make a direct inquiry.



#### **Medical Materials & Technologies**

3M Center, Building 275-5W-05

St. Paul, MN 55144-1000 USA

Phone 1-800-228-3957

Web 3M.com/MedTech

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