

Medical Materials & Technologies

3M™ Medical Tape 9860, Single Sided Polyester

Product Description

3M Medical Tape 9860 is single sided and consists of a 13-mil rigid, non-conforming matte finish translucent polyester film coated with a pressure sensitive tackified acrylic adhesive. May be used for health care medical devices.

Features and Benefits

- Tackified Acrylic Adhesive
- Fluid Resistant
- High Tensile Strength
- Use to Stiffen/Add Rigidity
- ETO, Gamma, and Steam Compatible
- Translucent, Matte Surface
- Good Processability
- General Medical Device Use

Composition

Release liner	~2 mil (0.05 mm) Polyester Release Liner, Silicone Coated One Side
Adhesive	~1 mil (~0.03 mm) Tackified Acrylate Adhesive
Backing	~13 mil (0.33 mm) Translucent Matte Polyester

Wind Orientation – Liner Outside

Roll Description	
Roll Length Maximum	400 yds (366 m)
Roll Width Minimum	1 in (25.4 mm)
Roll Width Maximum	48 in (1219 mm)
Splices per Roll	Maximum: 2 per 1-100 yds (0.9-91 m) 3 per 101-200 yds (92-183 m) 5 per 201-300 yds (184-274 m) 6 per 301-400 yds (275-366 m)

Adhesion, Carrier Release, Liner Release

Liner Release, 180° Peel

17 gm/in (0.17 N/cm)

Represents a typical value

Biocompatibility Testing

Product 9860 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 on shipping container when stored at temperatures of 50-80°F (10-27°C) and a relative humidity between 40-60 percent. Product should be stored in the original packaging out of direct sunlight or high intensity indoor lighting.

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.



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