



MedTech OEM Segment

Solventum™ Medical Double Coated Tape 2487, Hi-Tack Double Sided Silicone/Acrylate Thermoplastic Elastomer

Product Description

Solventum™ Medical Double Coated Tape 2487 consists of proprietary hi-tack silicone adhesive for gentle skin attachment with a translucent polyurethane film carrier, and pressure sensitive acrylate adhesive. This double coated adhesive allows design engineers to use this for multi-layer construction. May be used for healthcare medical devices.

Features and Benefits

- Dual Adhesive System
 - Gentle Hi-Tack Silicone Adhesive for attachment to Skin, Minimize Skin and Hair Trauma Upon Removal, and can be Repositioned (After its Initial Application)
 - Silicone Adhesive is Designed for General Taping to Sensitive/Fragile Skin
 - Excellent Skin Adhesion Up to 7 Days (Silicone Side), Acrylate Adhesive for Bonding to Substrates
- Flexible, Conformable, and Fluid Resistant
- Biocompatible
- EtO Sterilization Compatible
- Printable Liner (Silicone Side)
- General Medical Device Use

Composition

Release Liner (Silicone Side)	~3 mils (~76.2 µm) Clear Polyester Film with Non-Silicone/Non-Fluorinated Release, One Side
Adhesive (Silicone)	~4 mils (~101.6 µm) Hi-Tack Medical Silicone Adhesive
Carrier	~0.9 mils (~22.9 µm) Translucent Polyurethane Film
Adhesive	~1.5 mils (~38.1 µm) Medical Grade Non-Tackified Acrylate Adhesive
Release Liner (Acrylate Side)	~2.8 mils (~71.1 µm) Super Calendared Kraft Paper Liner, Silicone Release Coated Both Sides

Wind Orientation – Kraft Paper Liner (Acrylate Side) Out

Roll Description	
Roll Length Maximum	500 yds (457m)

Roll Length Minimum	25 yds (22.9m)
Roll Width Maximum	24 in (609.6 mm)
Roll Width Minimum	1 in (25.4mm)
Splices per Roll	3 Per 100 yards (91m), 5 Per 200 yards (182m), 7 Per 300 yards (274m), 9 Per 400 yards (365m), 11 per 500 yards (457m)

Typical Properties: Adhesion, Carrier Release, Liner Release	
Liner Release (Silicone Side), 180° Peel	0.02 N/cm
Liner Release (Acrylate Side), 180° Peel	0.17 N/cm
Adhesion to Low density Polyethylene (LDPE), 180° Peel (Silicone Side)	1.09 N/cm

Test results, length, and width (minimum and maximum) represent a typical value.

Biocompatibility Testing

Product 2487 has been subjected to the following safety evaluations.

Study Type	Tested Method	Standard	Results
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 Solventum 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. Product should be stored in the original packaging out of direct sunlight or high intensity indoor lighting.

Conditions based on Solventum 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 Solventum samples and products for the intended use including any necessary safety or toxicity assessment. Solventum 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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Limitation of Remedies: If products are proven not to meet Solventum's specifications, the sole and exclusive remedy available and Solventum's only obligation shall be, at Solventum's option, to replace such quantity of Products which are proven out of specification or to refund the purchase price paid for Products.

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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](https://www.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 Solventum HELPLINE 800-228-3957 (U.S.) or check out [3M.com/MedTechContactUs](https://www.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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