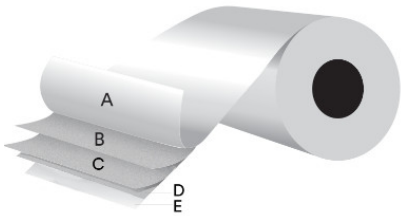
3M Science. Applied to Life.™

3M Medical Materials & Technologies



Product Number 2477P

3M™ Double Coated "2-in-One" Medical Silicone/Acrylic Tape

Effective: February 2021 Supersedes all previous versions

Features and Benefits:

- Two Adhesive Systems/Two Liners
- Non-tackified Acrylic for Device side
- Medical 3M Silicone Adhesive for Skin
- ETO Sterilization Compatible Only
- MVTR - ~400 gms/sqm/day typical
- Good for Short-Term Wear on Skin[1]

Composition: Tape is ~7.2 mils [0.18 mm] thick without release liners target thickness.

A-PP Film Liner	3.5 mils Clear Polypropylene Film, 3M non-silicone release
B- Si Adhesive	4 mil [0.1 mm] Gentle 3M Medical Silicone Adhesive
C-TPE Carrier	1.5 mil [0.04mm] Translucent Thermoplastic Elastomer
D-Acr Adhesive	Non-tackified Acrylic-based, 1.7 mils [0.04mm] [Faceside]
E- Paper Liner	60 lbs. Bleached Kraft Paper, Si Release, Printable[1] [Faceside]

<u>Please note</u> - The following technical information should be considered representative or typical only and should <u>not</u> be used for specification purposes.

Typical Properties:

***Adh. to Stainless Steel, Face/Acrylic Side 180° Peel Back/Silicone Side**	21.3 oz/inch width [~600 gms/25.4 mm] 3.9 oz/inch width [~110 gms/25.4 mm]
***Liner Release, 180° Peel Acrylic Side Silicone Side**	25.2 gm/inch width [25.2 gm/25.4 mm width] 6.3 gm/inch width [6.3 gm/25.4 mm width]

***3M test methods are available upon request.**

Roll Description: Tape supplied on 6 inch (15.24 cm) diameter cores. Film Liner side out.

Length, Maximum	220 yards [201.2 meters]
Width, Maximum	23.75 inches [60.3 cm]

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

Recommended Storage and Rollstock Shelf Life:

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.

Note: Product should be stored in the original packaging out of direct sunlight or high-intensity indoor lighting.

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.

© 3M 2021 All Rights Reserved.

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.
Notice: Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendations to practice any invention covered by any patent, without authority from the owners of this patent.

Warranty Information
All statements, technical information and recommendations herein are based on tests 3M believes to be reliable, but the accuracy or completeness thereof is not guaranteed. 3M warrants only that products will meet 3M's specifications at the time of shipment to the customer. 3M does not offer any other warranty and does not warrant the performance, safety or such other characteristics of Products in combination with other materials. 3M specifically DOES NOT warrant Products for any intended or unintended uses (whether or not foreseeable); for compatibility or suitability with other components or compatibility with any methods of manufacture or conversion. The foregoing warranty is made in lieu of all other warranties, expressed or implied, including the implied warranties of merchantability, fitness for a particular purpose and freedom from non-infringement.

Limitation of Remedies: If products are proven not to meet 3M's specifications, the sole and exclusive remedy available and 3M's only obligation shall be, at 3M's option, to replace such quantity of Products which are proven out of specification or to refund the purchase price paid for Products.

Limitations of Liabilities: The remedies provided herein are exclusive remedies against 3M for any alleged or actual nonconformance to specifications or defect or other failure in products or for 3M's performance of its supply obligations. Under no circumstances is 3M liable for any direct, indirect, incidental, special or consequential damages (including lost profits) in any way related to the product under any theory of law including, but not limited to, negligence and strict liability.

Ordering Information
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.

3M

3M Medical Materials & Technologies
3M Center, Building 275-5W-05
St. Paul, MN 55144-1000 USA

Tel.: +1-800-228-3957
Web: www.3M.com/MedTech

Please recycle. Printed in USA
© 3M 2021. All rights reserved.
February 2021