



Technical Information Sheet

3M™ Medical Specialty Tape

Product Number #2477 [formerly MSX-6931B]

Double-coated “2-in-One” Medical Silicone/Acrylic Tape

Effective Date: August 2013

Supersedes all previous information sheets

Product Description:

3M #2477 is double-coated Differential Silicone/Acrylic adhesive tape designed for medical & retail lamination applications. The tape is supplied on a flexible TPE carrier with a paper release liner on the acrylic adhesive side of the tape. The 3M proprietary silicone adhesive side is protected by a fluorosilicone release polyester film liner.

Features and Benefits:

- Two Adhesive Systems/2 Release Liners
- Acrylic adhesive for device attachment
- 3M proprietary silicone adhesive for skin contact
- No Natural Rubber Latex
- Medical and Retail Device Applications
- EtO Sterilization Compatible Only

Composition:

Tape caliper, no liners	7.2 mils [0.18 mm] Silicone/Acrylic “2-in-One” DC TPE Tape
Carrier	1.5 mil [0.04mm] translucent Thermoplastic Elastomeric [TPE] Film
Adhesives	4 mils [0.10 mm] 3M Medical Grade Gentle Silicone adhesive
	1.7 mil [0.04mm] Acrylic, developed for medical and surgical use
Release Liners	2 mil [0.05mm] Clear Polyester Film, one side Fluorosilicone release
	3.3 mil [0.08 mm] 60 lb. Bleached Kraft paper, silicone release one side

Typical Properties¹:

Adhesion to Stainless Steel, Si Side	3.6 oz/inch width [102 gms/25.4 mm]
180° Peel Acr Side	32 oz/inch width [0.9 kg/25.4 mm width]
Liner Release, Preliminary, Si Side	50 gm/inch width [50 gm/25 mm width]
180° Peel Acr Side	7 gm/inch width [7 gm/25 mm width]
Moisture Vapor Transmission Rate [MVTR] upright cup	~ 400 gms/sq.m/24 hrs

¹ Properties listed based on very limited data and subject to change.

Roll Description: Tape supplied on 6-inch [15.24 cm] diameter cores.

Length, Maximum	200 yards [183 meters]
Width, Maximum	23.75 inches [60.3 cm]

Recommended Storage Conditions:

Product as supplied in original packaging will maintain stated test properties for a period of two [2] years 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.

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 and results of toxicity 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/medicalspecialties 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. Our 3M Medical Specialties subsidiary contacts are listed below.

International Locations

Argentina

3M Argentina S.A.C.I.F.I.A.
Tel.: 54-11-4339-2400
Fax: 54-11-4339-2640

Dominican Republic

3M Dominicana
Tel: (809) 530-6560 X499
Fax: (809) 530-2960

Japan

3M Health Care Ltd.
Tel: 81-3-3709-8289
Fax: 81-3-3709-8754

Poland

3M Poland Sp.z o.o.
Tel: (48 22) 739 60 00
Fax: (48 22) 739 60 01

Thailand

3M Thailand Ltd.
Tel: (66)2 260 8577 Ext.175
Fax: (66)2 261 7535

Australia

3M Health Care
Tel: 1 300 363 878
Fax: 1 800 060 888

Finland

Suomen 3M Oy
Tel.: 358-9-52-521
Fax: 358-9-512-29-44

Kazakhstan

3M Representation Office
Tel: +7 3272 509 944
Fax: +7 3272 509 573

Portugal

3M Portugal
Tel: 351-21-3134500
Fax: 351-21-3134680

Taiwan

3M Taiwan Ltd.
Tel: 886-2-2704-9011
Fax: 886-2-2706-0355

Belgium

3M Belgium N.V./S.A.
Tel: 32-2-722-5111
Fax: 32-2-720-0225

France

Laboratoires 3M Santé
Tel: 33-1-3031-8376
Fax: 33-1-3031-8378

Korea

3M Korea Ltd.
Tel: 82-2-3771-4286
Fax: 82-2-786-2825

Russia

3M Russia
Tel: 7 (495) 784-74-74
Fax: 7 (495) 784-74-75

Turkey

3M Turkey
Tel: 9 (0212) 3507777
Fax: 9 (0212) 2821742

Brazil

3M do Brasil Ltda.
Tel: 55-19-3838-6661
Fax: 55-19-3838-7449

Germany

3M Medica
Tel: 49 2131 14 40 00
Fax: 49 2131 14 49 99

Malaysia

3M Malaysia Sdn. Bhd.
Tel: 6-03-7806 2888
Fax: 6-03-7806 2902

Singapore

3M Technologies (S) Pte. Ltd.
Tel: 65-6450-8866
Fax: 65-6455-2130

Ukraine

3M Ukraine
Tel: +380 44 490 57 77
Fax: +380 44 490 57 75

Canada

3M Canada
Tel: 800 364-3577
Fax: 800 341-4630

Hong Kong

3M Hong Kong Ltd.
Tel: (852) 2806 6111
Fax: (852) 2234 6044

Mexico

3M México, S.A. de C.V.
Tel: +52-55-5270-0400
Fax: +52-55-5270-0433

Sri Lanka

3M Lanka (Pvt.) Ltd.
Tel: (94) 11 2785701
Fax: (94) 11 4410083-4

United Kingdom & Ireland

3M Health Care Ltd.
Tel: 44-1509-611-611
Fax: 44-1509-237-288

Chile

3M Chile S.A.
Tel: (56-2) 4103000
Fax: (56-2) 4103400

Hungary

3M Hungária Kft.
Tel: (36-1) 270-7777
Fax: (36-1) 320-0951

Middle East

3M Gulf Ltd.
Tel: 971-4-3670-777
Fax: 971-4-3670-699

Spain

3M España, S.A.
Tel: 34-91-321-6000
Fax: 34-91-321-6002

Venezuela

3M Manufacturera Venezuela
Tel: 58-241-8391911
Fax: 58-241-8391928

China

3M China Ltd.
Tel: 86-21-6275-3535
Fax: 86-21-5208-2205

India

3M India Ltd.
Tel: +91-80-2223 1414
Fax: +91-80-22231431

The Netherlands

3M Nederland B.V.
Tel: 31-715-450-450
Fax: 31-715-450-212

Sweden

3M Svenska AB
Tel: +46-8-92 21 00
Fax: +46-8-92 24 22

Viet Nam

3M Viet Nam Ltd.
Tel: 84 8 640986
Fax: 84 8 641024

Colombia

3M Colombia S.A.
Tel: 57-1 4101666
Fax: 57-1 4161677

Indonesia

PT 3M Indonesia
Tel: (62-21) 520 3401
Fax: (62-21) 520 3106

New Zealand

3M New Zealand
Tel: 64-9-477 4040
Fax: 64-9-477 6692

Switzerland & Eastern Europe

3M (Schweiz) AG
Tel: +41 44 724 92 44
Fax: +41 44 724 94 80

Czech Republic

3M Cesko s.r.o.
Tel: +420-261 380 111
Fax: +420-261 380 110

Israel

3M Israel Ltd.
Tel: 972-9-9615000
Fax: 972-9-9615050

Peru

3M Peru S.A.
Tel: 511-224-2728
Fax: 511-224-3171

Denmark

3M a/s
Tel: 45-43-48-0100
Fax: 45-43-96-8596

Italy

3M Italia SPA
Tel: +39 2 7035-2406
Fax: +39 2 7035-2484

Philippines

3M Philippines
Tel: (632) 8133781 to 95
Fax: (632) 8145873 to 74



3M Medical Specialties

3M Center, Building 275-5W-05
St. Paul, MN 55144-1000 USA
Tel.: 800 228-3957

