



Technical information sheet

Solventum™ Medical Tape 1533

Effective: December 2021

Supersedes all previous information sheets

Features and benefits

- Non-sensitizing per ISO:10993-5 & 10
- Tears by hand/easy to apply
- High MVTR¹ & porosity
- ETO and radiation sterilization compatible¹
- Flexible & low stretch
- No natural rubber compounds

Composition: Tape is ~5.5 mils (~0.14 mm) thick – target thickness

Backing		~2.6 mil (~0.07mm) Tan rayon fiber nonwoven
Adhesive		Non-tackified acrylic-based, developed for skin contact

Please note — The following technical information should be considered representative or typical only and should not be used for specification purposes.

Typical properties¹: *Reported on certificate of analysis [available with purchase]

*Adhesion to glass, 180 deg	23.8 ounces/inch width (6.6 N/25 mm)
Moisture vapor transmission rate	4200 gms/m ² /24 hrs
Tensile strength, MD, at break	5 lbs./inch width (22.2 N/25.4 mm)

Roll description: Tape supplied on 3 inch (76 mm) diameter cores

Length, maximum	850 yards (777 meters)
Width, maximum	48 inches (122 cm) ± 1/16 inch (1.5 mm)

Splices: Splices on the tape are intended for continuous processing

Roll width	Maximum number of splices per roll
Number of splices for this product is dependent on the length & width ordered. Please discuss with Customer Service when placing orders.	

Recommended storage & preliminary rollstock shelf life

Product as supplied by Solventum in original packaging will maintain stated properties for a period 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.

¹Conditions 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.

Please see reverse side for important product, safety and warranty information.

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.

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 Solventum believes to be reliable, but the accuracy or completeness thereof is not guaranteed. Solventum warrants only that products will meet Solventum's specifications at the time of shipment to the customer. Solventum does not offer any other warranty and does not warrant the performance, safety or such other characteristics of products in combination with other materials. Solventum 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 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

Call us at Customer Service to place an order: 800-742-1994 (U.S.).

Visit our website: go.Solventum.com/MedTechOEM 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 Solventum Helpline 800-742-1994 (U.S.) or for international inquiries, please contact your local country representative.



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