

Surgical Applications

Avery Dennison Medical

Surgical Adhesive Solutions

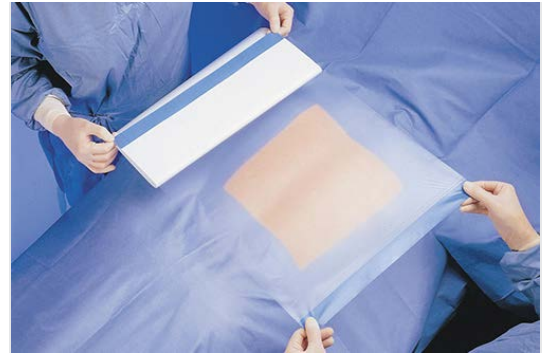
Avery Dennison Medical is one of the largest suppliers of adhesive-based surgical solutions to medical device OEMs. We offer a broad range of incise films, drape tapes, and construction tapes, with proprietary adhesives and differentiated performance characteristics, that cover the spectrum of these surgical application requirements.



Surgical Applications

Incise Films

Research has shown the patient's skin flora is a potential source of surgical site infection. This is why - after completion of surgical site preparation - an adhesive plastic film is applied on the patient's skin. The incise film creates a barrier to the patient's skin flora, and isolates the surgical site from non-sterile areas that could increase the risk of a surgical site infection. Our transparent incise films allow the skin to breathe, preventing moisture buildup under the film even in difficult or wet operating conditions. Our single-coated tapes are available as roll or semi-converted product.



Portfolio Overview

	MED 1827 MED 1827A MED 5544U MED 5560A MED 5570U MED 5575A MED 5576A	MED 5030	MED 5074A
Features	<ul style="list-style-type: none"> • PU film carrier • Different acrylic adhesive options, including our UV-curable acrylic adhesive 	<ul style="list-style-type: none"> • Co-PET film carrier • Acrylic adhesive 	<ul style="list-style-type: none"> • EMA film carrier • Acrylic adhesive
Benefits	<ul style="list-style-type: none"> • Support film assists in handling and processing • Thin and conformable film offers a high degree of user comfort • Transparent, non-glare finish reduces the reflection of light • Strong and tear resistant, yet easy to cut with a scalpel • Range of breathability from good to very high • Moisture resistant • Optional handling bars for easy application: choice of color, perforation and PE support • Branding option available by means of a printed liner: One color water-based ink, flexo printed at an angle, paper liner (siliconized after printing) • EtO and Gamma sterilization compatible 	<ul style="list-style-type: none"> • Strong yet gentle adhesive • Thin and conformable film offers a high degree of user comfort • Transparent, non-glare finish reduces the reflection of light • Strong and tear resistant, yet easy to cut with a scalpel • Breathable • Moisture resistant • Extended wear time • Support film assists in handling and processing • EtO and Gamma sterilization compatible 	<ul style="list-style-type: none"> • Thin and conformable film offers a high degree of user comfort • Transparent, non-glare finish reduces the reflection of light • Strong and tear resistant, yet easy to cut with a scalpel • Branding option available by means of a printed liner: One color water-based ink, flexo printed at an angle, paper liner (siliconized after printing) • Moisture resistant • Heat sealable • EtO and Gamma sterilization compatible
Applications	<ul style="list-style-type: none"> • Long to extended surgery times 	<ul style="list-style-type: none"> • Longer surgery times 	<ul style="list-style-type: none"> • Shorter term surgeries

Drape Tapes

Advanced adhesive tape strips help keep surgical drapes in place during procedures. Our double-coated films are compatible with various drape substrates. Drape tapes can include bordering and fenestration.

Bordering tapes are applied to one border of a surgical drape, and are available with and without a fingerlift. This is a non-adhesive area on the edge of the tape, which allows easy removal of the liner by the nurse. To facilitate removal of the liner of large adhesive areas, a backsplit in the liner can be opted for.

Fenestration tapes are used to create an adhesive area in the center of a single-piece drape, and are also available with and without a fingerlift. This application usually requires double-coated tapes with 2 liners, for conversion purposes.

Portfolio Overview

	MED 6367R MED 6389R	MED 3044 MED 6000	MED 6361U	MED 6373U MED 6390U MED 6392U
Features	<ul style="list-style-type: none"> Synthetic rubber-based adhesives PET carrier 	<ul style="list-style-type: none"> Acrylic adhesives PE carrier 	<ul style="list-style-type: none"> UV-curable acrylic adhesive PET carrier 	<ul style="list-style-type: none"> Combination / differential tapes: synthetic rubber-based on one side, acrylic adhesive on the other PET carrier
Benefits	<ul style="list-style-type: none"> Good adhesion to SMS drapes & PET carriers Good cohesion Conformable Moisture resistant Available with double liner Branding option available by means of a printed liner: One color water-based ink, flexo printed at an angle, paper liner (siliconized after printing) Optional fingerlift EtO and Gamma sterilization compatible 	<ul style="list-style-type: none"> Conformable Moisture resistant EtO and Gamma sterilization compatible 	<ul style="list-style-type: none"> High adhesion under wet conditions Conformable Moisture resistant Good adhesion to PET carriers & PE Breathable Solvent free (100% solids) Lower VOC & odor Less energy intensive process Branding option available by means of a printed liner: One color water-based ink, flexo printed at an angle, paper liner (siliconized after printing) Optional fingerlift EtO and Gamma sterilization compatible 	<ul style="list-style-type: none"> Moisture resistant Available with double liner Branding option available by means of a printed liner: One color water-based ink, flexo printed at an angle, paper liner (siliconized after printing) Optional fingerlift EtO and Gamma sterilization compatible
Applications	<ul style="list-style-type: none"> Shorter surgeries 	<ul style="list-style-type: none"> Prolonged surgical procedures 	<ul style="list-style-type: none"> Prolonged surgical procedures 	<ul style="list-style-type: none"> Short to long surgeries

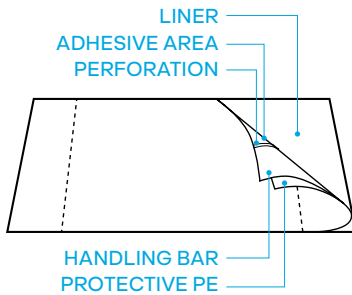
Construction Tapes

Surgical drapes can be made up of different layers, which need to be bound together. Transfer tapes can be used to adhere the plastic or nonwoven layers to each other.

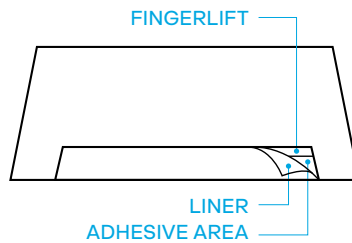
Portfolio Overview

	MED 2120U MED 2121U	MED 2123R
Features	<ul style="list-style-type: none"> UV-curable, acrylic adhesive 	<ul style="list-style-type: none"> Synthetic rubber-based adhesive
Benefits	<ul style="list-style-type: none"> Higher peel and shear Moisture resistant EtO and Gamma sterilization compatible 	<ul style="list-style-type: none"> Higher tack Moisture resistant EtO and Gamma sterilization compatible

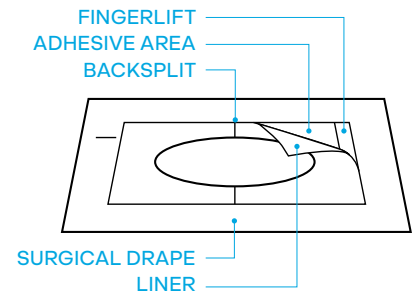
INCISE FILMS




BORDERING TAPES



FENESTRATION TAPES



To learn more or to place an order, contact your sales representative, or visit: medical.averydennison.com

Connect with us on: 

Avery Dennison Medical
Ireland: IDA Business Park, Ballinalee Road, Longford, Rep. of Ireland
Belgium: Tieblokkenlaan 1, 2300 Turnhout, Belgium

For more information on technical performance and printing recommendations, please refer to the respective datasheets. Please note that the Avery Dennison product range and service offering can be subject to changes. For an accurate overview, please check our website label.averydennison.eu or contact your local Avery Dennison sales representative.

DISCLAIMER – © 2023 Avery Dennison Corporation. All rights reserved. Avery Dennison and all other Avery Dennison brands, this publication, its content, product names and codes are owned by Avery Dennison Corporation. All other brands and product names are trademarks of their respective owners. This publication must not be used, copied or reproduced in whole or in part for any purposes other than marketing by Avery Dennison. All Avery Dennison statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Avery Dennison products are sold with the understanding that purchaser has independently determined the suitability of such products for its purposes. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see terms.europe.averydennison.com.

