

3M Science.
Applied to Life.™



3M™ Durapore™ Advanced Surgical Tape

**Choose the
power of purple.**

High-adhesion



A choice that's critical to care.

The medical tapes you choose, as well as how you apply and remove them, can make a difference. Improper use of medical tapes is more common than you might think, and may seriously impact clinical outcomes, cost targets and patient care.



Meet 3M™ Durapore™ Advanced Surgical Tape.



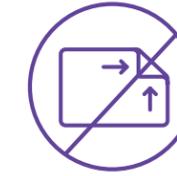
In critical applications, there's zero margin for error. When you need to keep a tube, device or dressing securely in place, you need adhesive technology you can count on. **You need the power of purple.**

Engineered with 3M's proven securement science, Durapore Advanced Tape is a class-leading high-adhesion tape for critical applications and/or challenging conditions – giving you complete confidence, and giving patients and their families peace of mind.



Exceptional adhesion in challenging conditions.

While other medical tapes may lose adhesion on oily or diaphoretic skin, or in high-moisture environments, Durapore Advanced Tape is better at maintaining adhesion.³



Minimal edge lift.

Edge lift can lead to adhesion failure, which in turn can increase the risk of extubation or dislodgement. In several studies, Durapore Advanced Tape demonstrated minimal edge lift or adhesive weakening after 72 hours of wear.^{3,4}



Adheres to skin, tubes, devices and itself.

Adhesives in critical applications and/or challenging conditions must be able to secure in several modes: to skin, to tubes, to devices and to their own backing. While other medical tapes can fail in one or more of these modes, Durapore Advanced Tape adheres consistently in all of them.

When outcomes matter, the tape you choose matters.

Securement in critical applications and/or challenging conditions is inherently difficult. Not only are there different surfaces to consider, like skin, and a device or tube, but there are also factors like sweat, saliva and moisture that can compromise adhesion.

Using a tape that isn't specifically designed for securement in critical applications and/or challenging conditions can result in adverse outcomes, like unplanned extubations or device dislodgement, which can:

- Increase hospital length-of-stay
- Increase care costs
- Lead to other complications

The impact of unplanned extubations.

22.5%
of patients

In one study, unplanned extubations occurred in 22.5% of patients in the intensive care setting.¹

\$36,692
per patient

Hospital costs can increase by \$36,692 per pediatric patient with an unplanned extubation.²

5.5 & 6.5
more days

Unplanned extubations can lead to a median increase of 5.5 days in the ICU and 6.5 days in the hospital.²



Lose the latex. Get better adhesion.

Durapore Advanced Tape is not made with natural rubber latex but provides better adhesion characteristics than latex-containing tapes.³

Performance that speaks for itself.

When measured against competitive tapes, Durapore Advanced Tape outperformed in the three key areas shown below. When outcomes are on the line, why choose any tape when you can choose the power of purple?



Our most tested tape ever.

Durapore Advanced Tape is the most extensively tested tape we've ever developed. From customer focus groups to laboratory testing to clinical evaluations, we put this product through its paces to ensure we delivered a high-adhesion tape that delivers confidence.

 **80+** clinicians involved in development process

 **75** prototypes developed

 **3** proprietary tests developed to more closely mirror real-world clinical use cases

 **1,000+** hours of in-house clinical studies

 **2,500** hours of lab testing

Better adhesion to tubing.

Number of times each tape lost adhesion to the tube in a study of 32 dislodgement scenarios:³

 **0 failures**
3M™ Durapore™ Advanced Surgical Tape

 **0 failures**
3M™ Durapore™ Surgical Tape

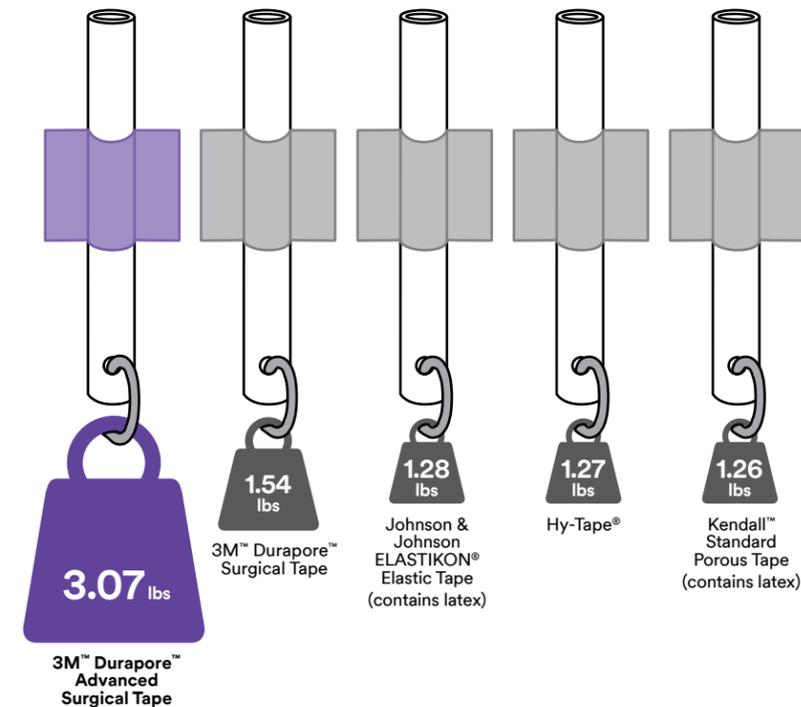
  **1 failure**
Johnson & Johnson ELASTIKON® Elastic Tape (contains latex)

  **6 failures**
Hy-Tape®

  **6 failures**
Kendall™ Standard Porous Tape (contains latex)

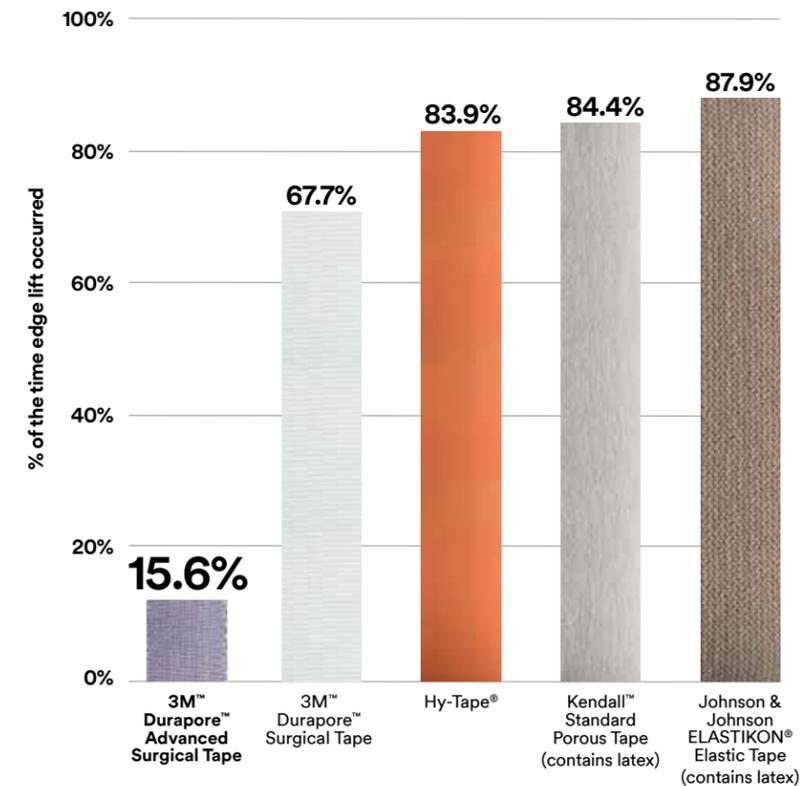
Significantly stronger adhesion to skin after moisture occurs.

In a study of the amount of pull force needed to dislodge a tube from diaphoretic/moist skin after application, Durapore Advanced Tape required 44% more pull force (lbs.) on average than other tapes.³



Significantly less edge lift.

Edge lift occurred significantly less frequently with Durapore Advanced Tape than competitor tapes.³





Confidence when it counts.



Extended wear



Moist skin (after application)



Diaphoretic skin (after application)



Oily skin



High-moisture environments

In critical applications and/or challenging conditions, there are several situations that can impact a tape's performance. While initial stick is important, it's also critical to choose a tape that can maintain adhesion in challenging conditions. Durapore Advanced Tape is engineered to adhere in a variety of difficult situations, so the tube, device or dressing you're securing stays exactly where it needs to.

Here are some of the ideal securement applications:

- Central venous catheter
- Foley catheter
- Nasogastric tube
- Endotracheal tube
- Chest tube
- Orogastric tube
- Surgical drain tube
- Device or dressing securement on oily or diaphoretic skin and in high-moisture environments



Built-in moisture indicator.

Durapore Advanced Tape darkens when moist to indicate moisture is present, but doesn't necessarily need to be removed. While other tapes may lose securement strength on moist skin, Durapore Advanced Tape is better at maintaining adhesion³, so you and your patients can rest easy.

Proper application and removal.

Proper usage is important with any medical tape, but it's especially important with a high-adhesion tape like Durapore Advanced Tape. Following best practices for application and removal can help reduce the risk of Medical Adhesive-Related Skin Injury (MARS) and increase consistency of care across your facility.



Prepare the skin.

- Clip/trim hair
- Clean and dry the skin to remove soil and/or residue
- Apply 3M™ Cavilon™ No Sting Barrier Film where clinically necessary to help protect skin



Prepare the tape.

- Easy bi-directional tear
- Can be neatly torn by hand
- Easy to handle with gloves



Better together.

 **96%** of participants

reported pain-free removal after 24 hours of wear when Durapore Advanced Tape was used in combination with 3M™ Cavilon™ No Sting Barrier Film.⁵



Apply the tape.

- Use the technique appropriate for each application
- Apply tape to skin without stretching or tension
- Apply firm pressure to tape and tape on tubing to activate the adhesive and gain full contact



Remove the tape.

- Loosen the tape edge
- Stabilize the skin with one finger at the peel line
- Remove tape "low and slow" in the direction of hair growth, keeping it parallel with the skin's surface



Available in single-patient-use rolls to help reduce the risk of cross contamination.

To combat cross contamination, Federal and CDC guidelines suggest that items such as rolls of adhesive tape not be shared between patients.⁶ To support good infection prevention practices in critical environments, consider using Durapore Advanced Tape in single-patient-use rolls.

 **74%** of tape rolls

In one study, 74% of partially used tape rolls from various sites within the hospital had some bacterial growth.⁷



Ordering information 3M™ Durapore™ Advanced Surgical Tape

Catalog Number	Size	Rolls/Box	Boxes/Case	HCPCS Code
1590-0	0.5 in. x 5.5 yd. (1.25 cm x 5 m)	24	10	A4452
1590-1	1 in. x 5.5 yd. (2.5 cm x 5 m)	12	10	A4452
1590-2	2 in. x 5.5 yd. (5 cm x 5 m)	6	10	A4452
1590-3	3 in. x 5.5 yd. (7.6 cm x 5 m)	4	10	A4452
Single-Patient-Use Rolls				
1590S-1	1 in. x 1.5 yd. (2.5 cm x 1.37 m)	100	5	A4452
1590S-2	2 in. x 1.5 yd. (5 cm x 1.37 m)	50	5	A4452

HCPCS codes have been provided to assist you in the preparation of insurance claims. Please note, however, that the reimbursement information provided by 3M Health Care and its representatives is intended to provide general information relevant to coverage and coding for 3M products. Insurers' reimbursement policies can vary and the use of the codes discussed here does not guarantee that an insurer will cover or pay at any particular level. Health care providers should exercise independent clinical judgment in choosing the codes which most accurately describe the products provided.

To learn more about Durapore Advanced Tape and why it's a class-leading tape for critical applications and/or challenging conditions, visit [3M.com/DuraporeAdvanced](https://www.3m.com/DuraporeAdvanced)

For more information, contact your 3M Health Care Sales Representative, call the 3M Health Care Customer Helpline at **1-800-228-3957** or visit [3M.com/DuraporeAdvanced](https://www.3m.com/DuraporeAdvanced). This product can be ordered from your local distributor. Outside the United States, contact your local 3M subsidiary.

¹Shu-Hui, Y., Li-Na, L., Tien-Hui, H., Ming-Chu, C., & Li-Wei, L. (2004). Implications of nursing care in the occurrence and consequences of unplanned extubation in adult intensive care units. *International Journal of Nursing Studies*, 41, 255-262.

²Roddy, D. J., MD, Spader, M. C., MD, MS, Pastor, W., MA, MPH, Stockwell, D. C., MD, MBA, & Klugman, D., MD, MMS. (2015, July). Unplanned Extubations in Children: Impact on Hospital Cost and Length of Stay. *Pediatric Critical Care Medicine*, 16(6), 572-575.

³3M data on file. EM-05-014441.

⁴3M data on file. EM-05-014427.

⁵3M data on file. EM-05-014260.

⁶Federal Register Vol 72, No. 73 Rules and regulations (73 FR 20373 4/15/2008).

⁷Love, KL. Single-Patient Rolls of Medical Tapes, *Infection Control Today*, January 2013.



3M Medical Solutions Division
2510 Conway Ave.
St. Paul, MN 55144 USA

Phone 1-800-228-3957
Web [3M.com/Medical](https://www.3m.com/Medical)

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