3M™ Polyurethane Medical Technology



3M polyurethane medical tape technology is available to the medical device industry in a variety of presentation formats, thicknesses, and carrier-types suited to different applications and converting processes. The semi-permeable polyurethane film backing acts as a liquid barrier, preventing the ingress of bacteria. It is also breathable for good skin health.

The hypoallergenic pressure sensitive adhesive is 'skin-friendly' and comes with a variety of backing sheets and frames to assist application. The possibility of multiple day wear time allows for a wide range of medical and retail applications.

FEATURES AND BENEFITS:

- Transparent polyurethane film with 'skin-friendly' adhesive
- Allows the wound to 'breathe'
- White release paper or clear polyolefin release carrier for customer appeal
- Water-resistant
- Very conformable and flexible for patient comfort
- Short and long term wear
- No natural rubber-based latex
- Et0 & Gamma sterilisation compatible
- Die-cuttable for customised shapes and device construction





POTENTIAL APPLICATIONS:

- Water-resistant, breathable, transparent dressings for acute and chronic wound care applications
- Cover-tape for hydrocolloids, hydrogels, alginates, foams and absorbents
- Shallow wounds, minor burns, grazes and post-operative incisions
- Friction and ulceration prevention
- High moisture vapour transmission (MVTR) extended wear applications
- Intravenous (IV) cannulation securement
- A range of generic OEM dressings is available for professional and consumer wound care applications

For more information, a technical data sheet, samples or to speak to a customer services representative please call 01509 613584.



Innovative products for a wide range of applications



General Surgical and Medical Devices

Product and function attributes

3M Health Care has a broad experience in the development and production of surgical and medical devices. These can be found in hospitals and clinics around the world, where they have been tried, tested and trusted for years.

3M offers many tape and film components from which to choose when constructing your device - from professional wound care dressings to device attachments to strapping.

Most of our adhesives and tapes are designed to be 'skin friendly' where the devices are attached to patients. Other adhesives and tapes are intended specifically for the construction of a variety of devices made from plastic films, foams, fabrics and treated fabrics.

This comprehensive selection includes components for:

- Wound care dressings
- Disposable surgical drapes and gowns
- First aid dressings

- Electrodes
- Ostomy and continence devices
- Personal care and health care consumables
- Diagnostics
- Cosmetic and skin care products
- Stick-to-skin solutions

The Trusted Source

For over 50 years, 3M has been a leader within health care. During that time, our advanced technologies have contributed to the creation of more than 10,000 new health care products worldwide. Working in close co-operation at every stage – from initial product concept through to component supply or actual product design – 3M 0EM can link various 3M technologies to product applications and offers a carefully selected line of medical grade tapes, coatings and adhesive technologies, semi finished and finished components together with selected bulk supplies of 3M branded products to medical device manufacturing, design and supply industries.

Supporting you to achieve market success

When it comes to product commercialisation, our expertise in regulatory documentation is second to none. We undertake extensive product testing and provide clinical support packages to enable you to bring your product to market as efficiently and as cost-effectively as possible. What's more, our confidential approach consistently safeguards the integrity of your product development process.

Delivering Innovation, Quality, Service, Value & Confidentiality

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Please visit us at: www.3m.co.uk/medicaloem



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