

Electrodes
Consumer Health Care
Surgical
Wearables
Diagnostics
Woundcare
Ostomy
Download
Surgical
Download
Surgical
Lateral Flow
Skin Friendly
Dry Dressing Incise Films
Lab on a Chip
Die Cutting
Optical Clear Tapes
Biosensor
Biocompatibility
Drape Tapes
Device Tapes
Clean Room

Surgical Drape Tapes

Lohmann GmbH & Co. KG
Irlicher Straße 55
56567 Neuwied/Germany
Phone +49 2631 34-0
Fax +49 2631 34-6661
info@lohmman-tapes.com
www.lohmman-tapes.com

 **Lohmann**
The Bonding Engineers

Surgical Drape Tapes



There is some truth to calling certain periods of time in history “the dark ages”.

In those dark (in this case the middle) ages, medical interventions and surgeries were performed without anesthesia, disinfection or protective measures (resulting in deaths of more than $\frac{3}{4}$ of patients during or after surgery). Science and innovations took time in those days, and it was only at the end of 19th century that a (first) solution was on the horizon – medical gowns and hats. Who knew that a “simple cloth” would be a life saver...

Fast-forward to “modern times” – the cloth’s, now known as surgical drapes, importance increased immensely, but so did the requirements for improved solutions. Sounds like a perfect case for Lohmann.

But first, what are surgical drapes? Surgical drapes are used to provide and maintain a bacteria-free operating environment. To achieve this the adhesive tape has to bond securely to both the drape material and the patient’s skin, its performance must not be affected by the method used to sterilise the drape or compromised by the pre-operation cleaning solutions.



Main purposes of the surgical drapes are:

- Ensuring a sterile environment around the surgical incision
- Minimizing the risk of post-operative infections
- Covering the entire surgical site and equipment
- Preventing instruments from getting contaminated or damaged by body fluids
- Preventing the transfer of the patient’s skin flora onto the wound and controlling the spread of potential contaminating body fluids on the wound
- Managing body temperature

Surgical Drape Tapes



Lohmann, being one of the leaders in engineering, coating and converting of adhesive solutions for various markets and segments, currently offers following variants of the surgical drape tapes:

Disposable surgical drape tapes



Features:

- Special finger-lift construction for easy handling with gloves
- Skin-friendly adhesive
- Specific sizes, coated to customers' tailor-made requirements
- Biocompatible pressure-sensitive adhesive
- Well-established in the market

Current portfolio for disposable surgical drape tapes:

Product name	Color	Total thickness [mm] (w/o liner)	Adhesive (close/open side)	Carrier	Liner
DuploMED® SD 6248 D	Transparent	0.102	Transparent synthetic rubber, medical grade	Transparent PET film	White silicone paper
DuploMED® SD 6249 D	Transparent	0.9	Transparent synthetic rubber, medical grade	Transparent PET film	White silicone paper
DuploMED® SD 6253 D	Transparent	0.088	Transparent rubber based	Transparent PET film	Liner 1: White silicone paper Liner 2: Yellow silicone paper
DuploMED® SD 6254 D	Transparent	0.042	Single side: synthetic rubber, medical grade	without	White silicone paper
DuploMED® SD 6257 D	Transparent	0.104	Transparent rubber-based	Transparent PET film	White filmic liner with back slit
DuploMED® SD 6258 D	Transparent	0.088	Transparent rubber-based	Transparent PET film	DuploMED® SD 6253 D Die-cut on a roll

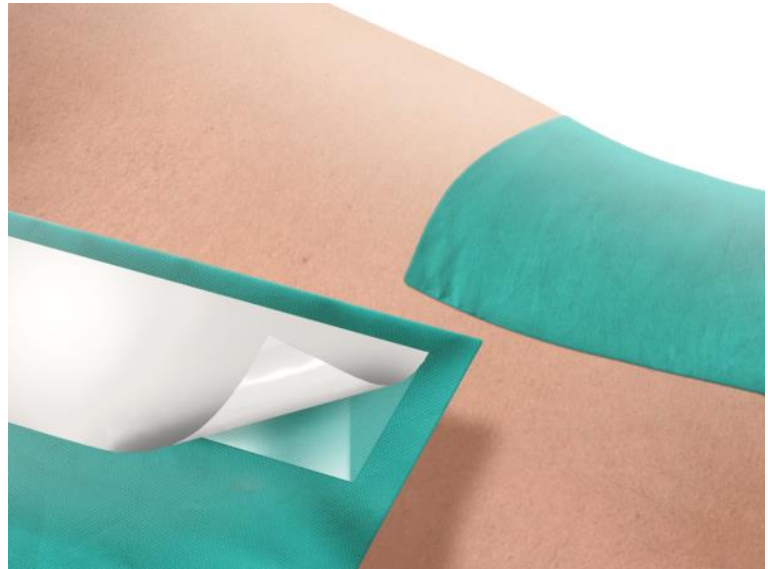
Surgical Drape Tapes



Reusable surgical drape tapes

Features:

- Comformable for different body contours
- Well sterilizable by steam and EtO [predominantly steam at 134°C]
- Skin-friendly adhesive
- Dissolves well in water above pH 9,5 and +60°C
- Finger-lift for easy application



Current portfolio for reusable surgical drape tapes:

Product name	Color	Total Thickness [mm] (w/o liner)	Adhesive (close/open side)	Carrier	Liner
DuploMED® 2806	Amber	0.10	Modified soluble acrylic (50g/m ²)	Paper (pulp) dispersible (9g/m ²)	White silicone paper (90/m ²)
DuploMED® VP	Amber	0.11	Modified soluble acrylic (70g/m ² - covered side; 50g/m ² - open side)	Paper (pulp) dispersible (9g/m ²)	White silicone paper (90/m ²)

