

Ostomy

Discreet, Control, Dependable

Lohmann formulates, manufactures, coats, and die-cuts adhesive solutions that have been used as component parts for Ostomy applications for more than 10 years. Whether the requirement is for skin contact with long-term wear, secure closure systems, heat-weldable, odor control or fluid management, Lohmann's materials have become an important and reliable part of today's ostomy products. As a fully integrated supplier, Lohmann can provide innovative products in roll and die-cut formats that are multi-functional, value engineered and fit for purpose.



Colostomy

Whether the construction is a one or two piece design, it is important that the ostomy bag remains in contact with the base-plate and skin, keeping its contents sealed. Ostomy bag raw materials are selected for their barrier properties, but not always for their ability to fix with each other.

To solve this problem Lohmann has a selection of adhesives that are able to bond to low surface energy materials. The adhesives can be supplied either as transfer films or coated to a range of carriers, including foams and films.

Ileostomy

Manufactures of ileostomy bags incorporate features in their products to manage odor, limit fluid movement within the bag and, when emptying the bag is required, a quick and clean discharge system. Included in its range of products supplied into this application, Lohmann offers adhesive tapes on rolls as well as die-cut closure systems which incorporate snap-shut and hook-and-loop technology.

Urostomy

Keeping fluid retained in a leak-free device yet being able to provide drain-on-demand functionality are some of the considerations when designing urostomy bags. The bags have to be discreet, comfortable to wear and allow the wearer to move around freely.

In addition to providing nonwoven and composite backing materials, Lohmann can provide adhesive solutions that seamlessly join thin bag material to thicker and less flexible fluid outlet valves.

Incontinence Care

To complement their stoma product portfolio, many ostomy bag manufacturers offer accessories that are designed to provide users with an added level of comfort and security, such as flange extenders, belts and covers. Lohmann has developed a leak detection sensor with a technology to differentiate between intra-bag fluid and environmental moisture. In addition, products are offered that are designed for pre- and post-operative applications, such as catheter fixation and incontinence underwear. Through knowledge gained by working with customers in the surgical and hygiene markets, Lohmann can supply materials including single and two-way elasticated closure systems, adhesive tapes that provide secure skin fixation yet are gentle to remove, and foam-based materials that can be tailored for fluid absorbency and retention.

The perfect bonding solution?
The one tailored to your application.
We support you **from the idea** to its
integration **into your process**.



Integrated Innovative Solutions

As a world leader in the development, manufacture and supply of adhesive tape solutions, Lohmann is a trusted partner for the design, scale-up and commercialization of your medical device.

Our “local for local” approach together with a fully integrated supply chain gives Lohmann a truly unique position and one which our customers appreciate as real added value to their business.

At Lohmann we have an in-depth knowledge and capability in many chemistry platforms, including acrylic, synthetic rubber, silicone, cyanoacrylate, epoxy, and polyurethane. Our experience in coating solvent, water-based, hot-melt and multi-component reactive systems ensures that we are never restricted in our ability to develop and deliver customers with the best solution for their application.

By choosing Lohmann as their partner our customers have access to a highly specialized, experienced and effective Medical team who together with the Lohmann organisation can offer:

- a dedicated project management team
- experience of sourcing, developing and processing high-value functional materials
- a broad die-cutting capability including roll-to-roll flat-bed, rotary, pick-and-place and laser-on-the-fly
- expert in-house testing equipment and test method development
- product development and validation processes tailored to customers requirements
- to supply small quantities to support scale-up
- robust, well documented, traceable and fully auditable processes in accordance with EN ISO 13485 Quality Management System

Interested in finding out more on Bonding Solutions for Ostomy?

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