

Individual print requirements  
demand unique solutions.



# Don't just settle for the standard.

Lohmann – the answer to increasing demands in flexographic printing.

Against the background of an increasingly growing packaging industry, flexoprint has established itself in the last decades as a worldwide successful relief printing procedure. It is faced with highly competitive pressure: complex print jobs, increasing demands on quality and narrow time frames force many print shops to increasingly optimise their production processes.

This is a call for premium and efficient solutions for plate mounting – as every print job is different and thus poses individual demands on the mounting process. Run-of-the mill solutions are often no longer sufficient. Demand is high for products which, not only have good handling properties, but are also able to ensure perfect print images based on their continuously high level of quality, even at high press speeds!

Lohmann has created made-to-order solutions for these increased demands. Little wonder, as they represent what makes the Lohmann enterprise a success worldwide: innovative ideas, most sophisticated production processes, uncompromising customer orientation and experience gained over 150 years.

May the next few pages convince you of our competence and introduce you to a partner who can assist you in securing long-term competitive capabilities.

Uncompromising quality and a product line that is perfectly tuned to the demands in flexoprint.









Most sophisticated production processes for first class adhesive solutions.



# Best basis for more quality and efficiency.

Print machines, inks, materials – there are many factors that have an impact on the print image. The selection of the correct product for plate mounting is part of the equation. Here, you can rely on the globally proven Lohmann expertise. For many years, we have been offering the flexoprint industry superior conditions for more quality and efficiency in flexographic printing.

## Continuously high product quality ensures high process safety.

Uncompromising quality pays for itself, especially for fast, complex and longer-lasting print jobs. Your advantage with Lohmann: with the technical expertise of our own research and development department and most advanced production processes, we manufacture today plate mounting tapes and compressible bases with tolerances in the  $\mu\text{m}$  range. Unmatched quality which, by the way, is documented. A label in the core of every single Lohmann foam product informs you about the actual thickness. What's in it for you? An optimised work flow, and thus the best prerequisites for more process safety and perfect results.

## Solution-orientated product portfolio for the most varying demands.

Optimal print results can only be achieved with adhesive tapes or compressible bases, which are a perfect match to your requirements. Lohmann step up to the tasks with their DuploFLEX® product line and offer you everything you need for perfect plate mounting.

## Individual concepts for individual needs.

If your print job should pose very individual demands – no problem. We offer you comprehensive consultation and are certainly in a position to develop customised solutions for you. For example, when we are dealing with cell structure, compression force deflection, adhesive properties and converting to individual widths – we call it customising. For you, it boils down to knowing that you will be offered a suitable solution, perfectly matched to your particular print job.

## Easy handling ensures short mounting times.

Whether it be time pressure or frequent job change – facilitated ease of handling during plate mounting is the basis for carrying out your print jobs faster and more efficiently. Lohmann supports you in optimising your processes as well: it goes without saying that our products offer advantages, such as easy mounting, precise impression setting and residue-free demounting.

## Economy and Ecology in perfect balance.

We at Lohmann know how to balance economy and ecology. Not only do our solutions ensure efficient print processes, we also make sure that all Lohmann products are delivered in recyclable packaging materials – from simple individual packaging right up to the complete container unit. This makes it easy on your disposal expenses as well as on the environment.

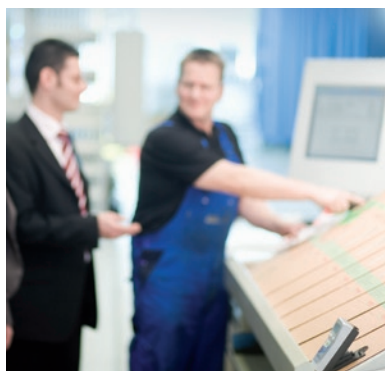
Lohmann: present worldwide in more than 50 countries.



Measurable quality: Every Lohmann foam mounting tape has to pass the thickness measurement unit.



Prior to developing your individual tape solution, we conduct a comprehensive needs assessment.



Clever: product packaging for big quantities.





# DuploFLEX®: the basis for your quality print.

In the printing industry, the name Lohmann is firmly connected to our DuploFLEX® brand. It is backed by a comprehensive line of products for plate mounting which today is a benchmark in our line of business.

DuploFLEX® can accommodate when it comes to physical properties. Quality as well as multiple applications, are all consistently geared towards the complex demands in flexoprint and push the

limits of the capability. Whether mounting tape or compressible base – carrier, liner, foam hardness and adhesion are ideally adjusted to the printing task at hand and ensure optimal handling and first class print results.

## You demand:

Perfect results for all print jobs,  
even at high press speeds

## The DuploFLEX® solution:

Premium quality

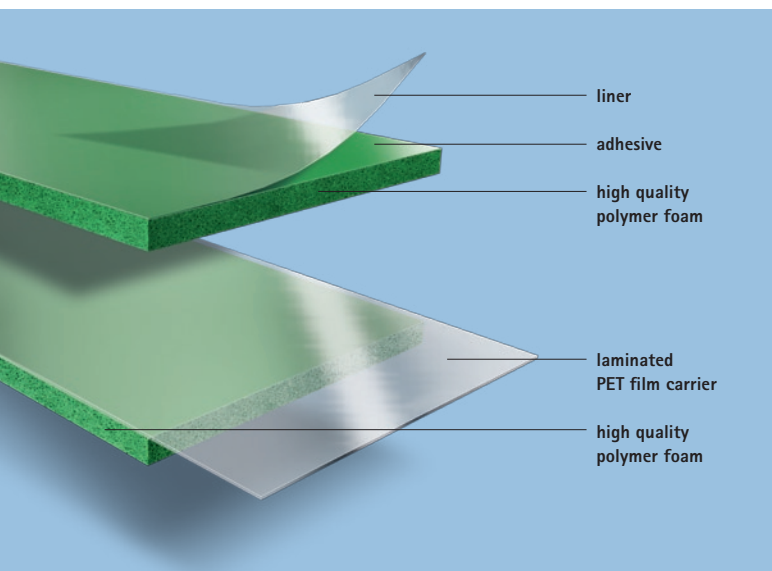
Solution-orientated product selection

Perfect handling

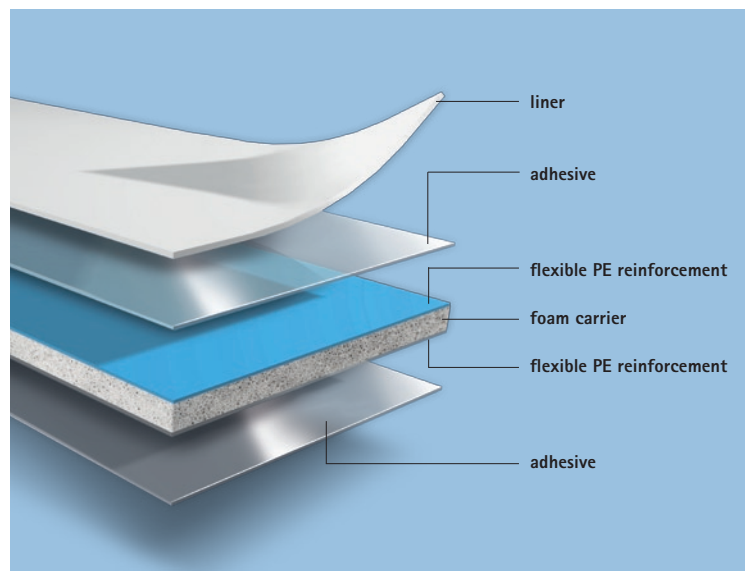
## Your benefit:

A decisive competitive edge

Adjustment is everything: Lohmann offers compressible bases with various degrees of foam thickness and hardness for high quality post print.



Expertise in every layer: the double-sided flexible reinforcement in foam mounting tapes made by Lohmann ensures continuous production of top quality print results.



# Premium quality for all areas of flexographic printing.

Whatever sophisticated tasks in flexoprint you might have – DuploFLEX® is sure to offer a suitable solution. No matter whether you are dealing with flexible packaging, label printing, or high quality post print.

## DuploFLEX® for the printing of flexible packaging.

In order to achieve the best possible print image in dot or solid, all components of the mounting tape have to be perfectly geared towards the demands for flexible packaging. Because of its double-sided flexible reinforcement and its various degrees of foam hardness or adhesive properties, the DuploFLEX® product line offers everything you need.



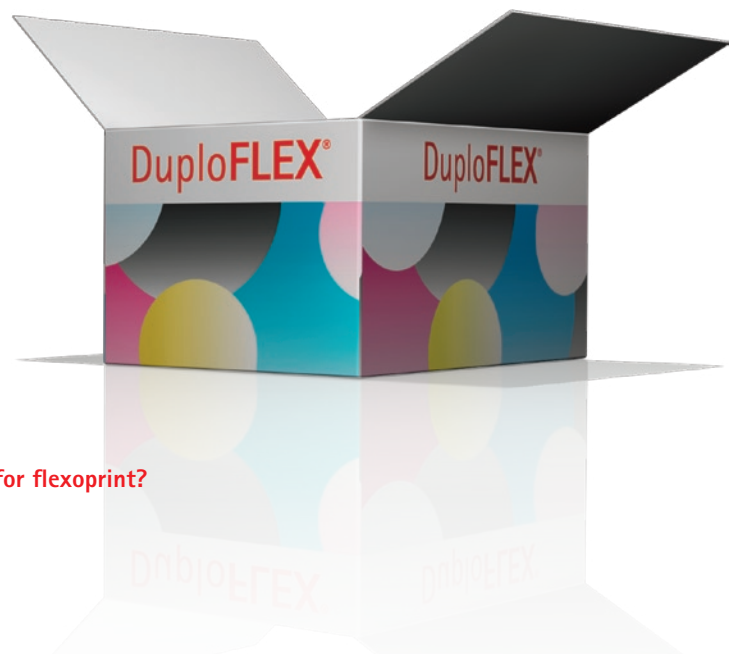
## DuploFLEX® for the printing of labels.

When it comes to label printing, highest print quality is vitally important. DuploFLEX® excels with its unique construction and superior performance: double-sided flexible PE reinforcement, superior resilience, and ease of handling. No matter which nominal thickness you stipulate for the print – the wide range of DuploFLEX® products always renders excellent results – due to its various degrees of foam hardness and adhesive properties.



## DuploFLEX® for high quality post print.

Print shops who are not willing to make any compromises in high quality post print also rely on the trusted DuploFLEX® quality. In this business, flexible adjustment to the various types of cardboard pose the greatest challenge. Stepping up to the task, the DuploFLEX® program offers compressible bases with various degrees of foam thickness. You can choose between self-adhesive on one side or already laminated with PET film and in "firm" and "soft" foam styles – in short, everything that is needed for a perfect print image.



Are you interested in learning more about Lohmann solutions for flexoprint?  
Please contact us. We will be glad to advise you.



34403/0808/c

Lohmann GmbH & Co. KG  
Irlicher Strasse 55  
56567 Neuwied/Germany  
Phone: +49 2631 34-0  
Fax: +49 2631 34-6661  
graphics@lohmann-tapes.com  
www.lohmann-tapes.com

