



Flexo Printing Tools For Efficient Plate Mounting

Cleaner



A clean start

Superior cleanliness is vital during the mounting process, as it ensures a smooth workflow of the printing operation and optimized print results. To enable the best possible adhesion of the tape and the plate, any trace of grease, dust or ink must be avoided.

Prior to mounting, both sleeve and plate have to be cleaned with an isopropanol-water mixture. Different cleaning agents can interact with the adhesive and/or damage your plate and sleeve.

Squeegee



Precision in every step

The tape can be mounted on the sleeve securely and without bubbles by using a squeegee. Sufficient pressure to the tape – especially on the edges – helps achieve the best possible printing results.

Primer



When pretreatment is required

When the print design is very challenging and the risk of plate lifting needs to be minimized, the edges of the plate can be treated with a primer to increase their tack and avoid edge lifting.

To ensure superior attachment and adhesive strength, the solvent of the primer needs to be completely dry before the plate is mounted.

DuploFLEX® Corona Pen

The future of plate pretreatment

In order to increase the surface energy to prevent edge lifting, the DuploFLEX Corona Pen can be used as a quick and reliable pretreatment method. It emits cold plasma (corona treatment) that enables the substrate surface to allow better adhesion between plate and adhesive.

Your benefits:

- High performance surface pretreatment without heating of substrates
- Improved process reliability during print job thanks to minimized edge lifting
- Easy repositioning of plates even in case of strong bonding forces (due to localized pretreatment)
- No chemical residues after plate demounting (e.g. primer, adhesives)
- Fast plate pretreatment due to no drying time



Roller



Keep your plate damage free

For best printing results a roller is used to squeeze out air bubbles between plate and tape. Sufficient pressure to the tape – especially on the edges – helps achieve the best possible printing results.

DuploFLEX® Edge Sealing Tape



For the most challenging tasks

To prevent edge lifting during longer print runs or when washing the plates before or during the press run, the plate edges can be additionally sealed.

An easy and safe method is to protect the edges with the single-sided DuploFLEX Edge Sealing Tape.



Meeting the Evolving Demands of Flexo Printing

At Lohmann, we understand the unique challenges you face. With **decades of expertise in plate mounting tapes**, we have always been at the forefront of providing solutions that address the evergrowing demands of the flexoprinting market. Our premium plate mounting tape portfolio, known for its exceptional quality and reliability, has earned the trust of 1,000 printers and set the benchmark in the industry.

But as you deserve more than just high-quality products, our comprehensive approach goes beyond plate mounting tapes, offering holistic solutions that address every part of your process. In addition to a DuploFLEX portfolio tailored to your requirements, we also provide you with our sustainable product development, a reliable partnership, customer proximity and, of course, support for integrating our products into your process.

Our Smart Bonding Solutions

Find out more about our Flexo Printing applications
at lohmann-tapes.com/flexo



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

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