



Smart Bonding Solutions for Flexo Printing Flexible Packaging and Label



The choice of the correct plate mounting tape very often becomes the pivotal point for greater efficiency and process safety. Solutions warranting superior handling during mounting and demounting as well as perfect print images, even at a low impression setting, are in high demand.

Lohmann has the answer with the fully comprehensive DuploFLEX portfolio and the competent support of our FLEXperts for perfect integration into the printing process.

Our Smart Bonding Solutions

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



More Than Plate Mounting Tapes

Lohmann FLEXperts make the difference

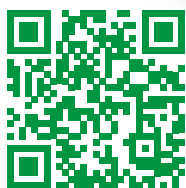
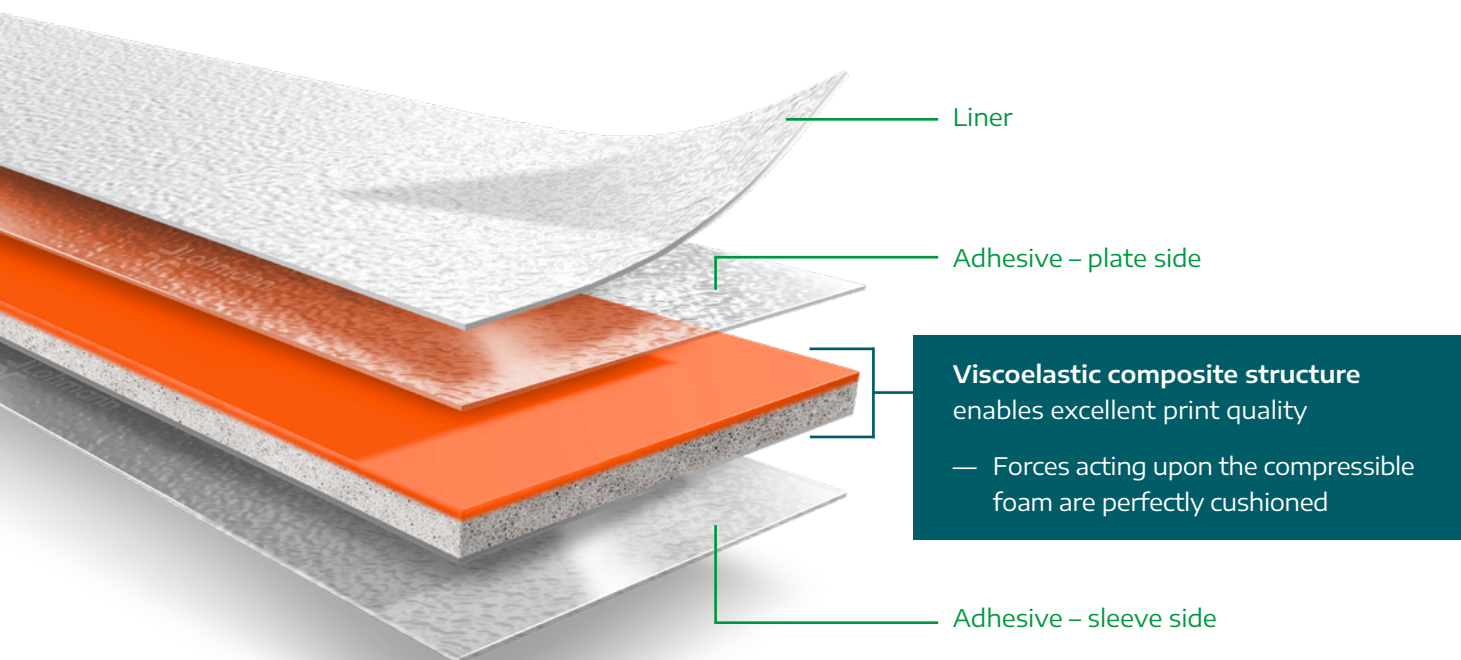
Knowing how, where, and under what conditions to use a particular plate mounting tape is one of the prerequisites for an efficient printing process. This is where the experience and expertise of Lohmann FLEXperts comes into play.

We analyze your requirements and find the right solution for you. We are available anytime and anywhere in the world, speak your local language, and ensure short delivery routes. However, proximity doesn't just mean geographical closeness. It's also about our commitment to supporting you with quick responses, easy-to-use products, and efficient workflows that help you stay competitive.



DuploFLEX® 3 and 4 EB

For the 0.38 mm thickness category



DuploFLEX® 3 EB: 0.40 mm tape thickness

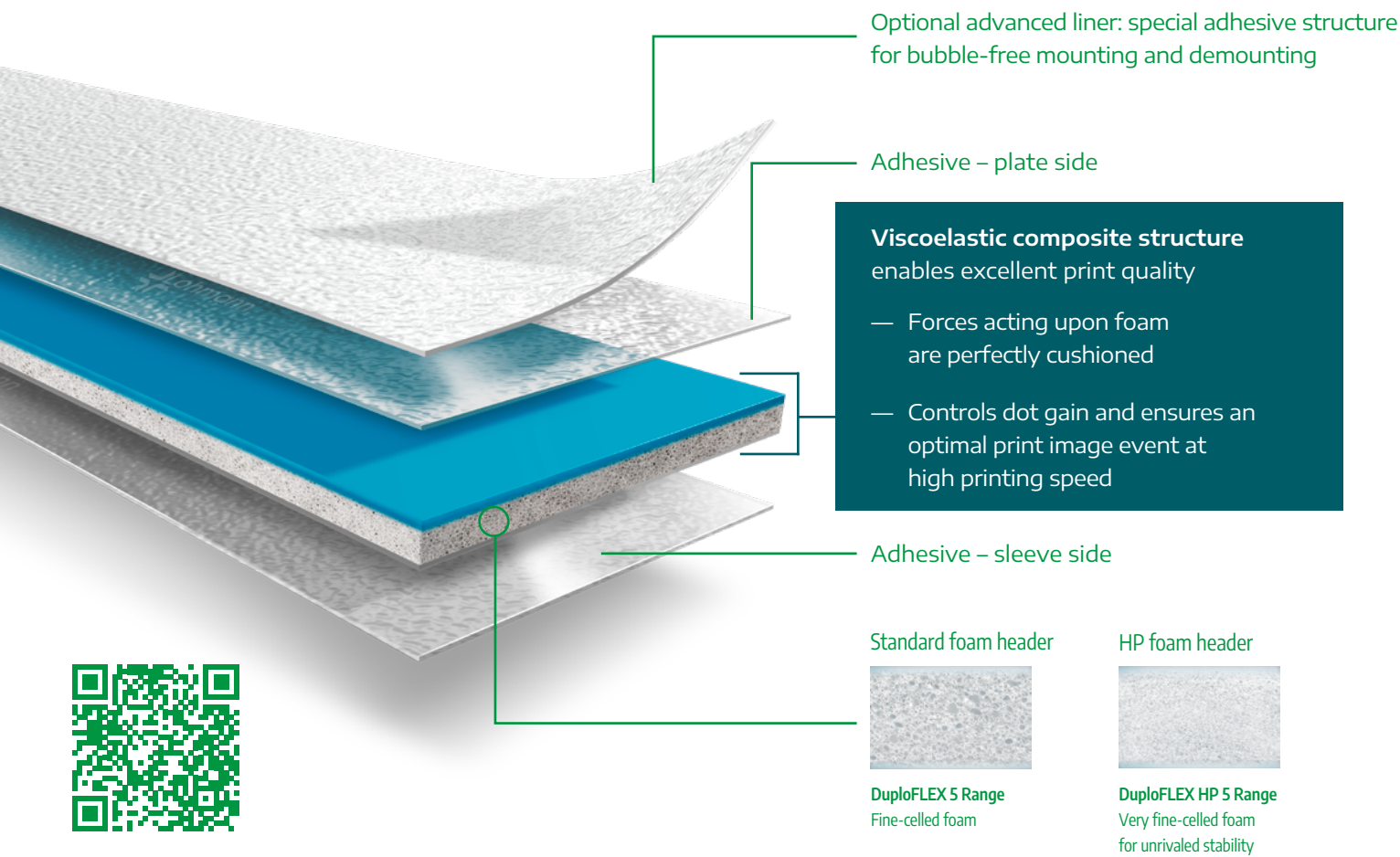
Product color	Desired print image	Foam	Product
	Process work, fine, lines, halftones (minimized dot gain)	soft	DuploFLEX 3.2 EB
	Solids, lines and large fonts (dense ink coverage)	firm	DuploFLEX 3.4 EB

DuploFLEX® 4 EB: 0.44 mm tape thickness

Product color	Desired print image	Foam	Product
	Highlights, delicate process printing and very fine lines (minimized dot gain)	soft	DuploFLEX 4.1 EB
	Combination of solids, line work and screens	medium	DuploFLEX 4.2 EB
	Solids, lines and large fonts (dense ink coverage)	firm	DuploFLEX 4.4 EB

DuploFLEX® 5

For the 0.50 mm thickness category



Product color	Desired print image	Foam	Product
	Fine process work, highlights and very fine lines (minimized dot gain)	soft	DuploFLEX 5.1
	Process work, brilliant halftones and fine lines	medium Soft	DuploFLEX 5.2
	Halftones and lines, a combination of solids, line work and screen	medium Firm	DuploFLEX 5.3
	Solids, lines, large fonts (dense ink coverage)	firm	DuploFLEX 5.4

Your benefits:

Efficiency

- Highest press speed due to fast foam compression capacity
- Highest print quality even at older presses as less sensitive to machine parameters and bouncing
- Shortest make ready down time due to bubble free mounting
- Color-coded products to ensure immediate identification of the foam hardness
- Available in three tape thicknesses and various foam hardness levels to suit your desired print image
- Suitable for every kind of ink (UV-, solvent- and waterbased)

Quality

- Excellent results for fine process work, brilliant halftones, perfect solids and clean fonts
- Available in various foam hardnesses according to your desired print image
- Minimized plate lifting and no uncontrolled dot gain as well as residue-free demounting
- Best in class plate mounting and demounting with engineered acrylic adhesives

Sustainability

- Reduced unsellable waste in make ready as less sensitive to machine parameters, press speed and bouncing
- More sellable printed material while the press is running and consuming energy
- Reduced waste stream due to prolonged plate life as the tape compensates for plate friction

Tools and Accessories

DuploFLEX FS Flying Splice

Double-sided splicing tape with self-splittable carrier for flying splices of flexible material in printing and laminating processes.

DuploFLEX Edge Sealing Tape

Single-sided green filmic tape with excellent strength of the synthetic rubber adhesive for sealing the edges of the plate, if required.

DuploFLEX Corona Pen

Our handheld device for the quick pretreatment of plates to increase the surface energy and effectively prevent plate lifting.

DuploFLEX Toolbox

Useful tools for best plate mounting processes: cleaner, squeegee, primer, roller and DuploFLEX Edge Sealing Tape.

Find out more on our Tools and Accessories



Lohmann Certified – know what it stand for:

When you see Lohmann Certified next to a supplier, you know they’ve been trained by Lohmann’s FLEXpert team working now from the same knowledge base for best quality of your plate mounting and printing process.

Your process. Common expertise. One shared standard connected by Lohmann Certified.





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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Get in touch!