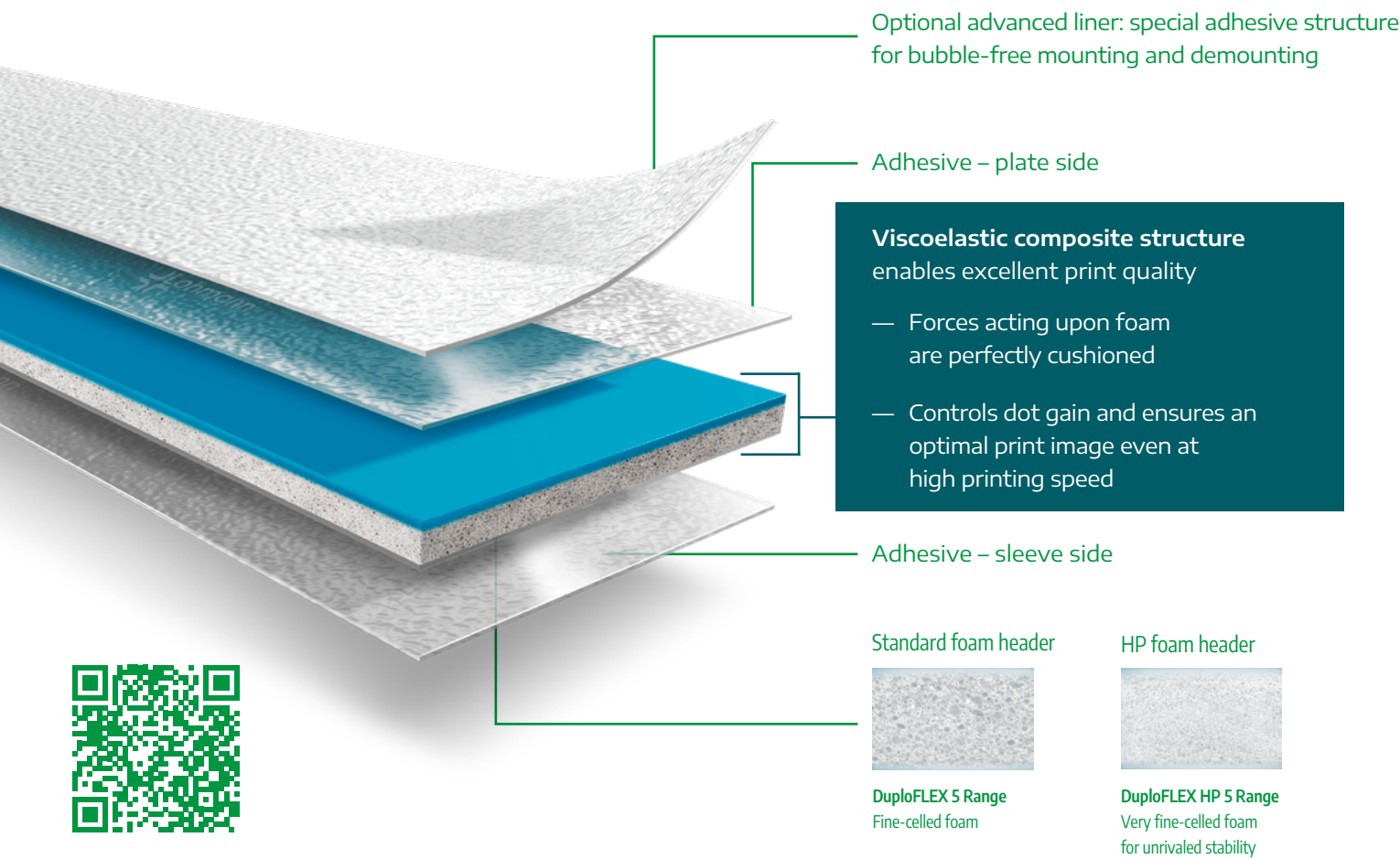




Smart Bonding Solutions for Flexo Printing Corrugated Board

Pre-Print | DuploFLEX® 5

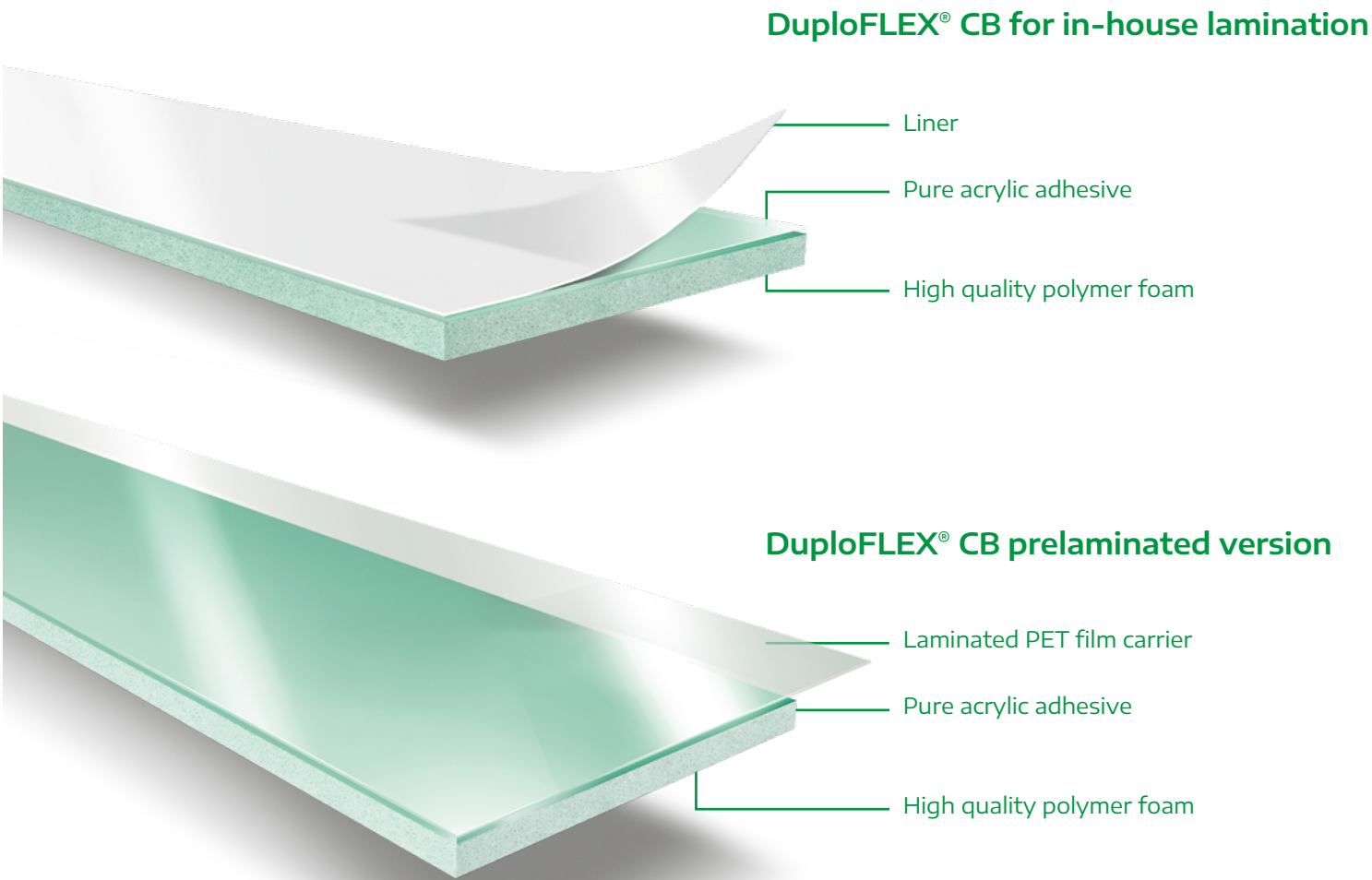
For the 0.50 mm thickness category



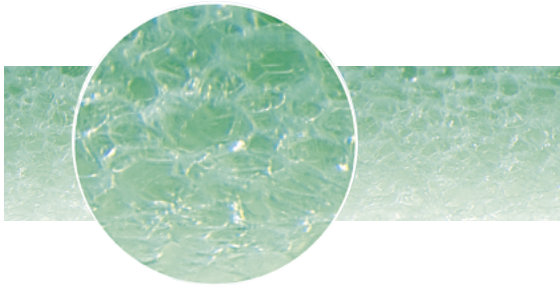
Product color	Desired print image	Foam	Product
	Fine process work, highlights and very fine lines (minimized dot gain)	soft	DuploFLEX 5.1
	Process work, brilliant halftones and fine lines	medium soft	DuploFLEX 5.2
	Halftones and lines, a combination of solids, line work and screen	medium firm	DuploFLEX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

Post-Print | DuploFLEX® CB

Full flexibility for perfect results



- Premium polymer foam ensures rapid recovery behavior, highly stable compressibility, and optimal resilience.
- Washboard effects as well as dot gain are significantly reduced or even avoided.
- Unlike open-cell foam, our closed-cell foam is water- and color-resistant.
- Easy alignment on the cylinder thanks to its smooth closed-cell surface.
- Easy peel-off of the foam for the prelaminated version.



Lohmann Certified – know what it stands for:
When you see Lohmann Certified next to a supplier, you know they’ve been trained by Lohmann’s FLEXpert team and now work 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.

Pre-print | DuploFLEX® 5

Efficiency

- Highest press speed due to fast foam compression capacity
- Highest print quality even on older presses, as it is less sensitive to machine parameters and bouncing
- Shortest makeready time due to bubble-free mounting
- Color-coded products to ensure immediate identification of the foam hardness
- Suitable for every kind of ink (UV-, solvent- and water-based)

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 during makeready, as it is 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

Post-print | DuploFLEX® CB

Efficiency

- Highest press speed due to premium polymer foam which ensures rapid recovery behavior, highly stable compressibility, and optimal resilience
- Highest print quality even on older presses, as it is less sensitive to machine parameters and bouncing
- Cost of flexo plates can be reduced by using DuploFLEX CB cushioning foam to compensate for thinner plates while still matching the machine undercut
- Easy alignment on the cylinder
- Available in various foam thicknesses and equipped with either a PET film carrier or a self-adhesive layer on one side
- PET film carrier extended on one side for easy handling of our bases, by means of quick fixing of the edging strip

Quality

- Excellent results for fine process work, brilliant halftones, perfect solids and clean fonts
- Washboard effects as well as uncontrolled dot gain are significantly reduced or even avoided
- Consistent quality – unlike open-cell foam, our closed-cell foam is water- and color-resistant
- Brilliant print image also with flat-top-dot and surface screening technologies

Sustainability

- Reduced unsellable waste during makeready, as it is 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





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 come 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.





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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