

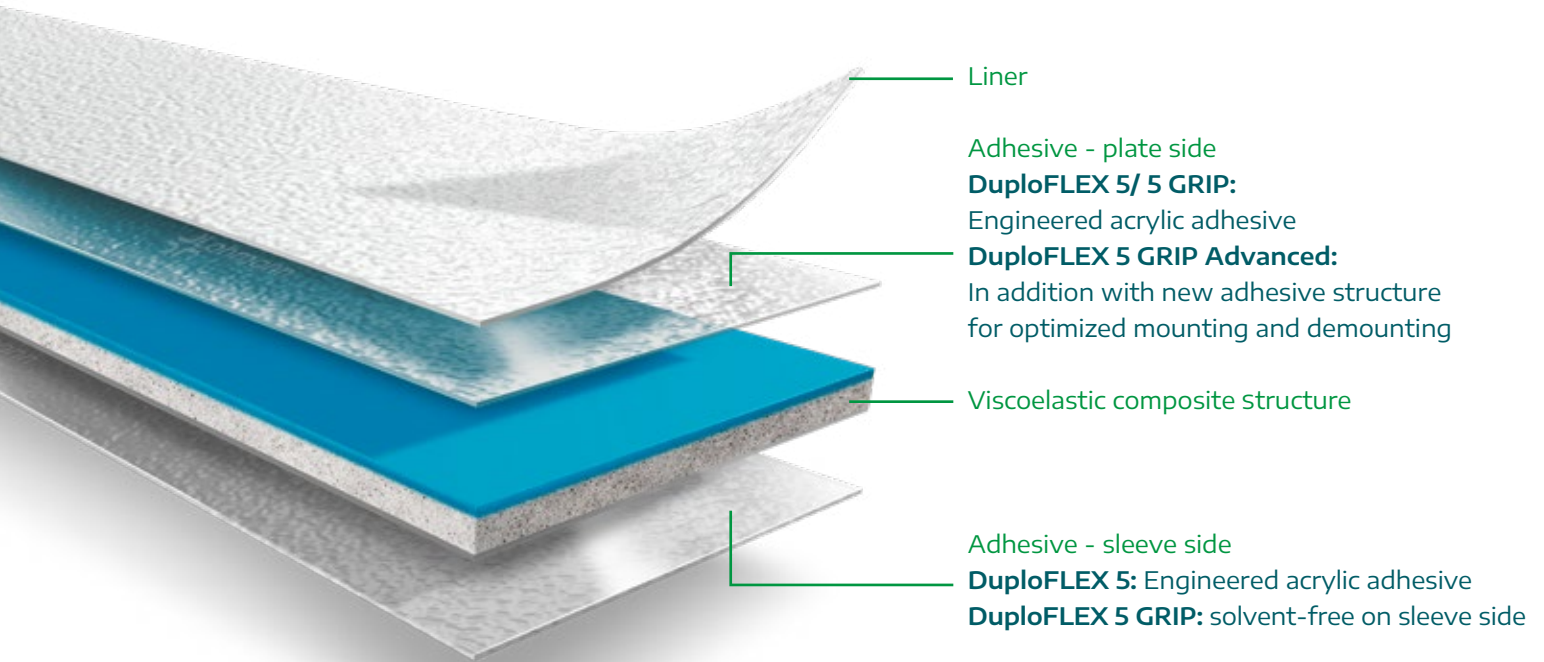


Smart Bonding Solutions for Corrugated Board Printing

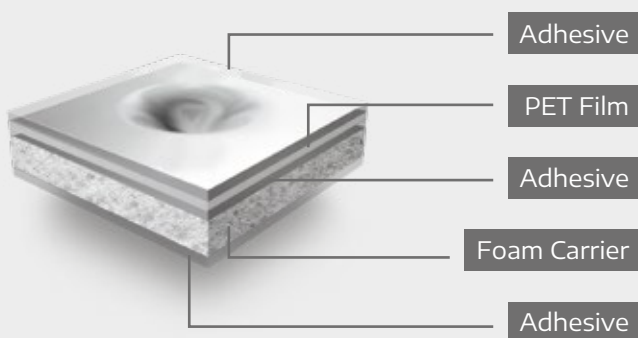
Pre-Print | DuploFLEX® 5

The DuploFLEX 5 range is suitable for various pre-print applications in the **0.50 mm thickness category** – whether it's the Classic or the GRIP range.

Perfect print image through a unique viscoelastic composite structure with double-sided flexible PE reinforcement.



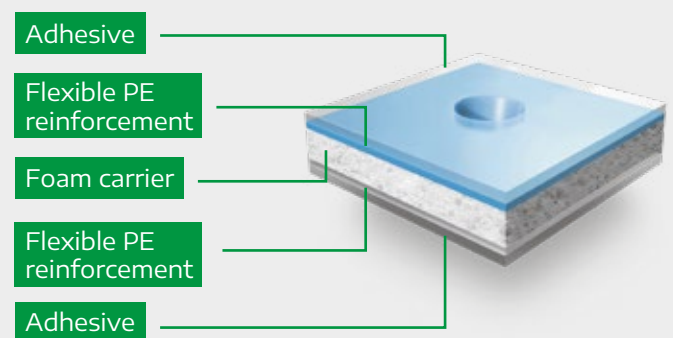
Conventional Foam Adhesive Tape:



Laminated with PET film

- Causes uncontrolled dot gain
- Leads to diffuse print image

Lohmann's DuploFLEX® 5 Range:

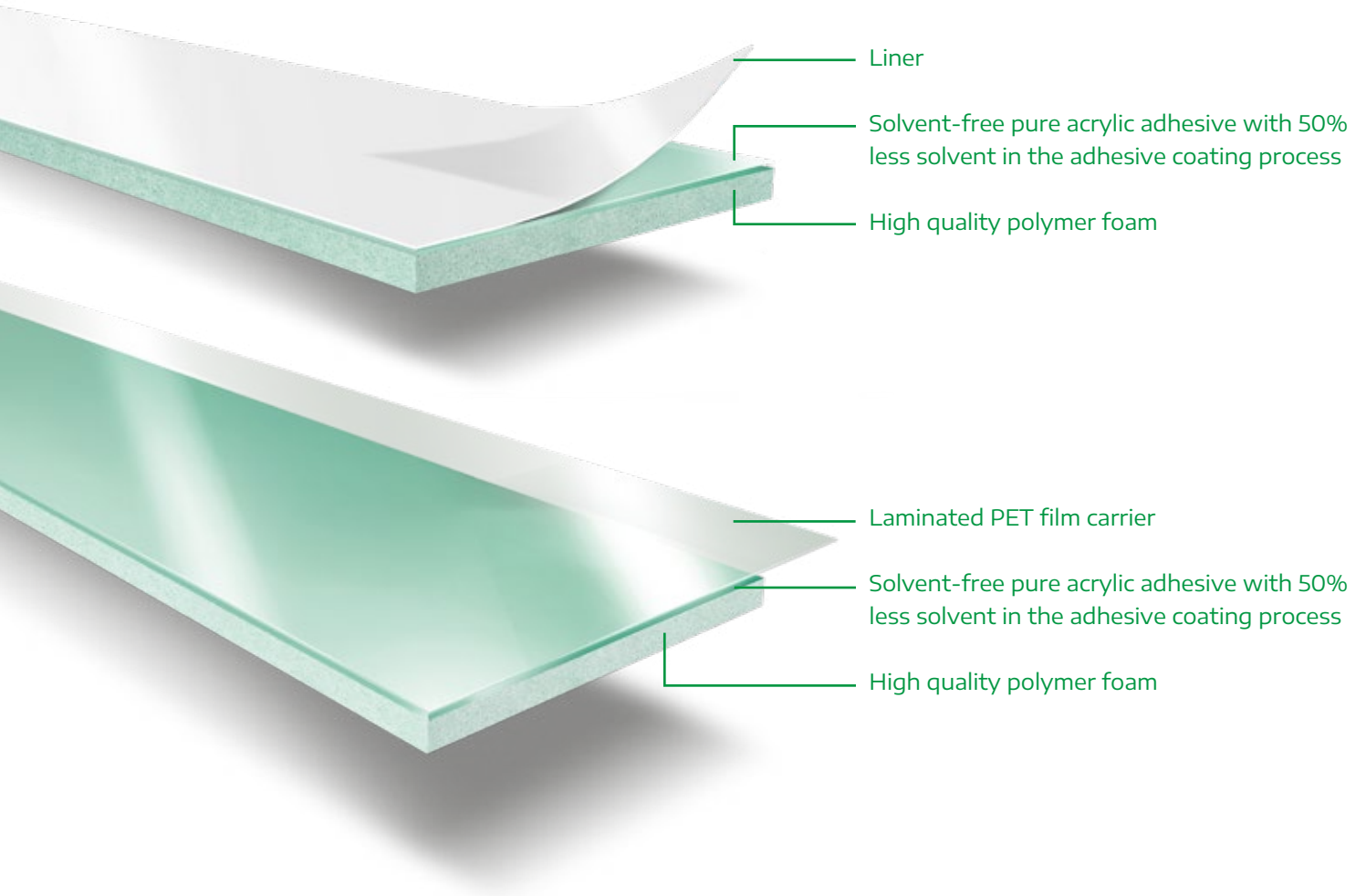


Equipped with a flexible, double-sided PE reinforcement for excellent print quality

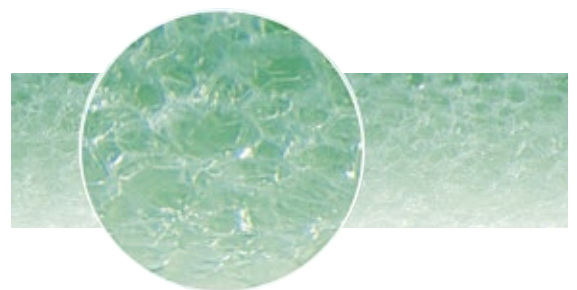
- Forces acting upon the compressible foam are perfectly cushioned
- Prevents dot gain and ensures an optimal print image, even at high printing speeds (600m/min)

Post-Print | DuploFLEX® CB

The DuploFLEX CB range is suitable for various corrugated board post-print applications offering an excellent performance through high-quality closed-cell polymer foam for brilliant print image and individual solutions by handling in the lamination process or utilizing a prelaminated, compressible base in corrugated board post-printing requirements.



- 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 thanks to its closed-cell surface.



DuploFLEX® CB | Cushioning Tape

DuploFLEX® CB

- Self adhesive on one side



DuploFLEX® CB

- With PET film carrier
(available film widths: 1400 mm and 1650 mm)



- Solution-oriented kit for your post-print process in two versions: self-adhesive on one side for handling your own lamination process or prelaminated, compressible base already equipped with a PET film carrier
- PET film carrier extended on one side for easy handling of our bases by means of quick fixing of the edging strip
- Brilliant print image even with flat-top-dot and surface screening technologies
- All options available in various foam thicknesses






Find out more about our DuploFLEX portfolio and your benefits at lohmann-tapes.com/flexo



Ever-increasing customer demands and complex print jobs place ever-higher demands on corrugated board printing. Professionals like you are therefore forced to increasingly optimize their processes to remain competitive. This rings true especially for high-quality post-print, because here, **packaging serves more than just a protective function**. More than ever, it is an inherent part of every product, setting the stage for brand presentation – **by providing a visual and tactile experience at Point-of-Sale**. The prerequisite for this is **a brilliant print image and individual solutions**, whether you handle your own lamination process or utilize a prelaminated, compressible base.

DuploFLEX® 5 | Plate Mounting Tape

For the 0.50 mm thickness category in just four different degrees of foam hardnesses:

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

In combination with different adhesives to meet your needs:

DuploFLEX® 5 Classic range:

The Established and Proven Allrounder Using State-of-the-art Technology

- Minimized plate lifting, no uncontrolled dot gain, and residue-free demounting
- Best-in-class plate mounting and demounting with engineered acrylic adhesive
- Embossed liner for easy handling

DuploFLEX® 5 GRIP (solvent-free on sleeve side) and GRIP Advanced range:

Reliable Print Quality Combined With Improved Sustainability

- Optimized grip on plate and sleeve
- Adhesion balanced by a smooth peel, making edge lifting no longer a problem
- Robust adhesives that withstand extreme temperature and humidity influences and even solvent attacks
- New solvent-free pure acrylic adhesive formula: improved sustainability with 50% less solvent in the adhesive coating process



The choice of the correct plate mounting tape and helpful devices very often become 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 a perfect integration into the printing process.



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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