

DuploFLEX® 3 | DuploFLEX® 4

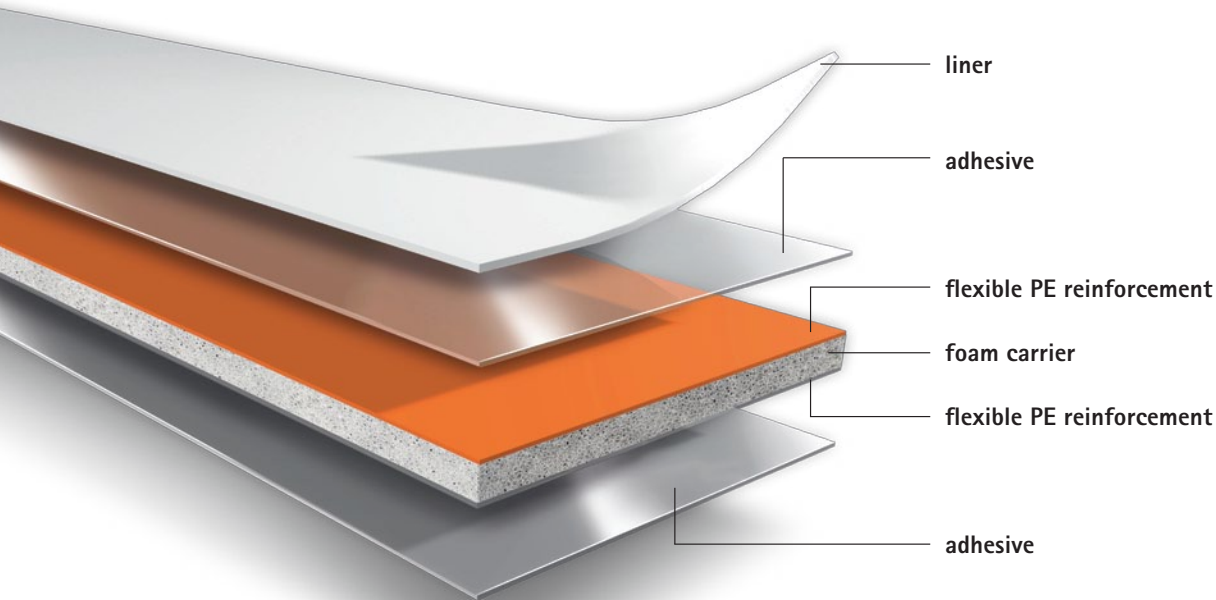
Plate mounting tape solutions for perfect printing results using .015" tapes.



- Superior print quality even at low impression settings
- Improves cylinder rolling
- Solution-orientated selection of various degrees of foam hardness, foam thickness and adhesive properties

Individual print requirements demand unique solutions.

Ever-increasing customer demands and complex print jobs test label printing to the limit. Professionals, like you, are therefore forced to increasingly optimize their processes in order to remain competitive. The choice of the correct plate mounting tape very often becomes the pivotal point for greater efficiency and process repeatability. Solutions which warrant superior handling during mounting and demounting as well as perfect print images, even at low impression setting, are in high demand.



Lohmann plate mounting tapes - go beyond the standard.

As one of the world's leading suppliers of plate mounting tapes, we at Lohmann understand what is needed in flexography today: customized solutions that meet the individual needs of our diverse customers. The answer is DuploFLEX®. With our premium brand we offer superior plate mounting tape solutions for printing requiring .015" / 0.38 mm mounting tapes. To name a few examples: our DuploFLEX® 3 and 4 ranges include a wide selection of mounting tapes with various degrees of foam hardness and adhesive properties which meet the most varied flexographic printing tasks. Do you have very special demands? No problem. We are experts in customizing and – on request – can develop a custom-made mounting tape solution for you.

Expertise that pays for itself.

The high level of quality which our mounting tape solutions provide does not just happen. Whether you need assistance with a solution-orientated consultation, our own research and development center, or the most sophisticated manufacturing processes – every mounting tape contains the entire expertise of our specialists. Moreover, you can also count on us when it comes to improving your operation: our experienced application engineers are always at your disposal.

First place for mounting tape solutions: Lohmann.

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

Documented: the thickness of every roll of foam mounting tape.

DuploFLEX® 3 and DuploFLEX® 4 ranges: perfect for all printing requiring .015" / 0.38 mm tapes.



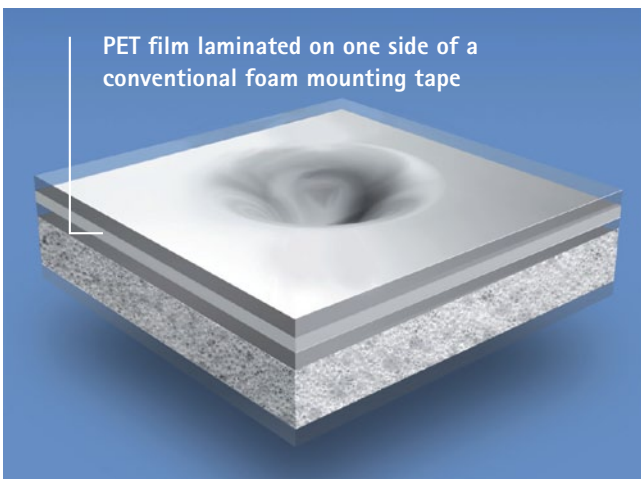


Double-sided flexible reinforcement provides quality advantage.

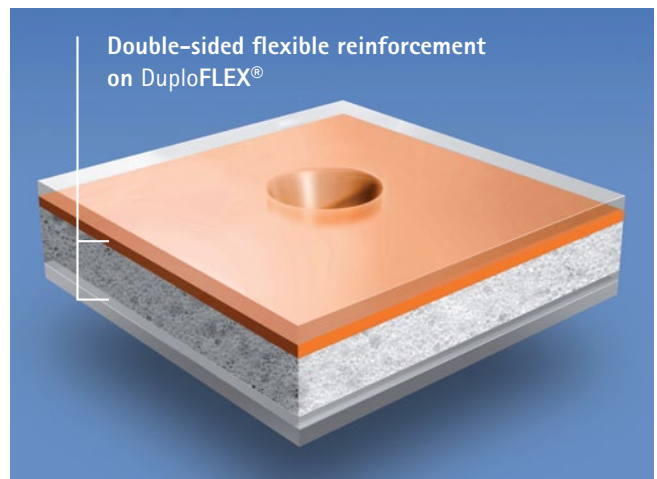
In contrast to conventional foam mounting tapes with PET film laminated on one side, Lohmann's DuploFLEX® 3 and 4 ranges are equipped with a double-sided flexible PE reinforcement. A significant construction feature, which results in optimal print

images. The forces acting upon the compressible foam are perfectly cushioned. The result: no uncontrolled dot gain and an excellent print image – even at low impression setting.

PET film laminated on one side of a conventional foam mounting tape



Double-sided flexible reinforcement on DuploFLEX®



Everything you need for a perfect print image in dot and solid.


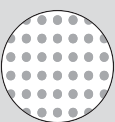



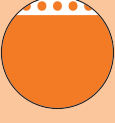
Fine process work, brilliant halftones, dense solids and clean text. Whatever print image you set out to achieve – the DuploFLEX® 3 and DuploFLEX® 4 ranges ensure excellent results in printing requiring .015" / 0.38 mm and .017" / 0.44 mm tapes.

The table below provides an overview of which mounting tape we recommend for which requirement. With its various degrees of foam hardness and adhesive properties, DuploFLEX® 3 and 4


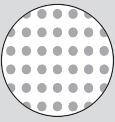



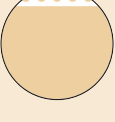
ideally match the requirements of your individual print job. Convenient for your use, the color coded foam reinforcement ensures immediate product recognition. Moreover, all DuploFLEX® packaging is 100% recyclable which is easy on the environment and keeps down your disposal expenses.

Additional questions? Please give us a call – our experts are always available to discuss your personal needs.

DuploFLEX® 3: Quality print in the entire .015" / 0.38 mm range.

| Desired print image | Foam | Adhesive properties | | |
|---|--------|---------------------|--------|---------------------|
| | | low | medium | high |
|   <p>highlights, delicate process printing and very fine lines (minimized dot gain)</p> | soft | – | – | DuploFLEX® 3.1 MAXX |
|   <p>combination of solids, line work and screens</p> | medium | – | – | DuploFLEX® 3.2 MAXX |
|   <p>solids, lines, large fonts and reverse text (dense ink coverage)</p> | firm | DuploFLEX® 3.4 OV | – | DuploFLEX® 3.4 MAXX |

DuploFLEX® 4: Quality print in the entire .017" / 0.44 mm range.

| Desired print image | Foam | Adhesive properties | | |
|---|--------|---------------------|---------------------|---------------------|
| | | low | medium | high |
|   <p>highlights, delicate process printing and very fine lines (minimized dot gain)</p> | soft | DuploFLEX® 4.1 OV | DuploFLEX® 4.1 Plus | DuploFLEX® 4.1 MAXX |
|   <p>combination of solids, line work and screens</p> | medium | DuploFLEX® 4.2 OV | DuploFLEX® 4.2 Plus | DuploFLEX® 4.2 MAXX |
|   <p>solids, lines, large fonts and reverse text (dense ink coverage)</p> | firm | DuploFLEX® 4.4 OV | DuploFLEX® 4.4 Plus | DuploFLEX® 4.4 MAXX |

DuploFLEX® 3 | DuploFLEX® 4 – the benchmark in compressible plate mounting tapes.

In today's printing business, the name Lohmann is inseparably connected with the DuploFLEX® brand, which has evolved as the benchmark in compressible plate mounting tapes. Our mounting tapes DuploFLEX® 3 and DuploFLEX® 4 have been specially

developed for the requirements posed by printing requiring .015" / 0.38 mm tapes.

What's in it for you? Perfect print results, along with decisive advantages over your competition.

You demand:

Perfect results for all print jobs,
even at low impression setting

The DuploFLEX® solution:

Premium quality

- Product setup with minimal thickness tolerances and optimal resilience
- No plate lifting
- No uncontrolled dot gain

Solution-orientated product selection

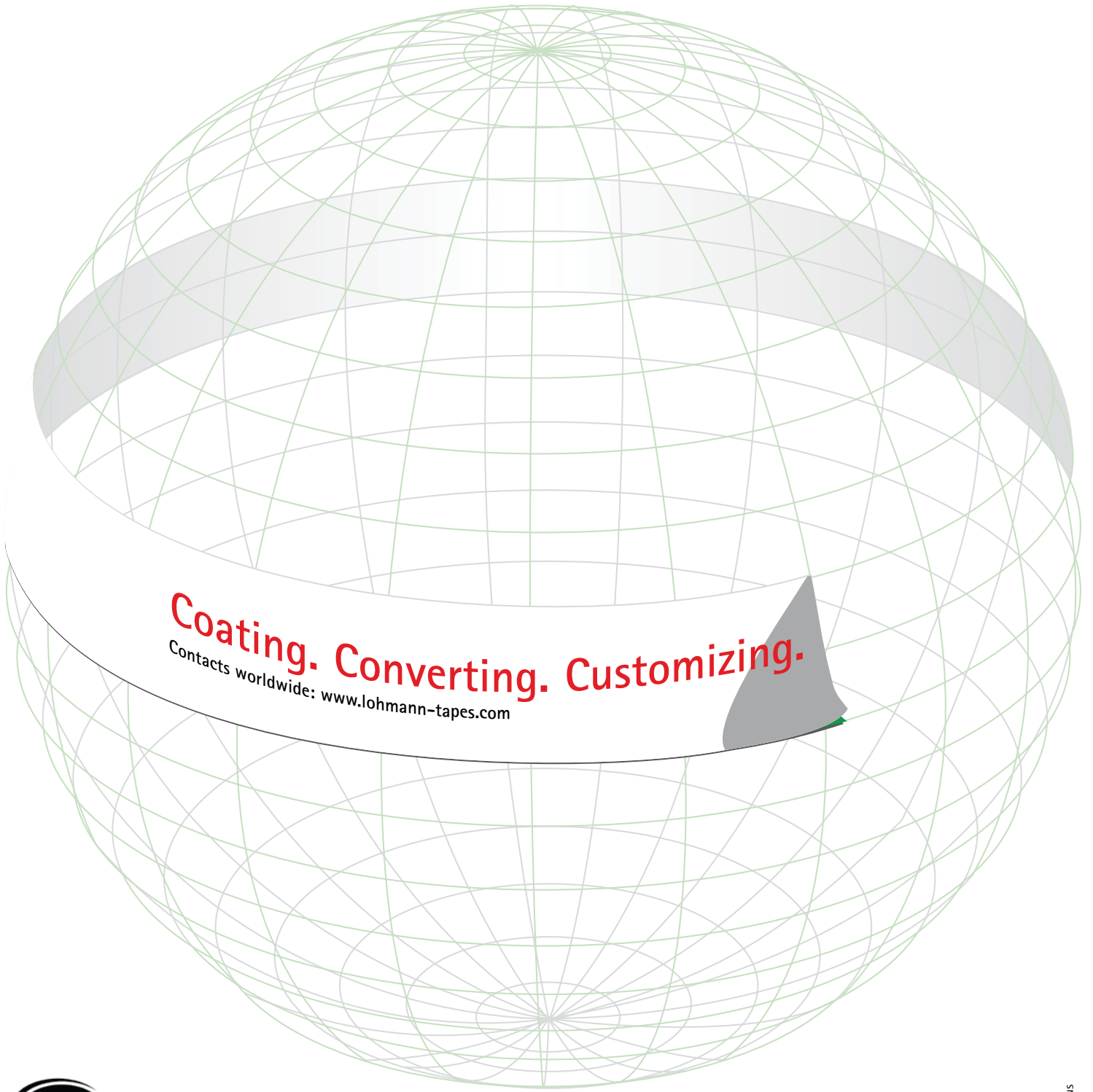
- Personal consultation
- Wide selection of adhesive and foam properties as well as two variations of thickness (.015" / 0.38 mm and .017" / 0.44 mm)
- Customized solutions upon request

Perfect handling

- Easy repositioning during mounting
- Residue-free demounting

Your advantage:

A decisive competitive edge



Coating. Converting. Customizing.
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