

# DuploFLEX® 5.4

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Art. No. 11 852 M 04

**Compressible 0.55 mm (0.020") thick foam tape with distinctive cyan colour for the mounting of plates in high-quality flexographic printing**

## Product construction

|                             | Name                         | Colour                 | Thickness [mm]      |
|-----------------------------|------------------------------|------------------------|---------------------|
| <b>Liner</b>                | embossed PP film             | white                  | approx. 0,13        |
| <b>Adhesive closed side</b> | acrylic with lower adhesion  |                        | approx. 0,55        |
| <b>Carrier</b>              | hard PE foam                 | cyan on the plate side |                     |
| <b>Adhesive open side</b>   | acrylic with higher adhesion |                        |                     |
| <b>Total thickness:</b>     |                              |                        | <b>approx. 0,68</b> |

## Product advantages

- The hardness of the foam is clearly indicated by the colour coding system used.
- The new adhesive system enables easy repositioning without lifting the tape from the cylinder whilst giving a reliable bond even during long and fast press runs (no plate lifting).
- Easy and clean demounting without residue on either plate or cylinder
- No shellacking necessary
- The flexible embossed film liner is designed for improved handling and virtually bubble-free mounting

## Main application fields

- Solids and line work
- Reverse printing
- Dense ink coverage
- No pinholing

## Technical Data

**Temperature range**

-20 °C to +90 °C

We renounce to state adhesion values according to DIN EN in our data sheet since they do not have a direct relevance to the actual requirements of the application of mounting photopolymer plates.

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| Application                         |  |
|-------------------------------------|--|
| Recommended application temperature | 18 °C to 35 °C   |
| Application guidelines              | <a href="http://www.lohmann-tapes.com">www.lohmann-tapes.com</a> |

| Storage  |
|--|
| Adhesive tapes should be stored at room temperature and normal humidity (50 – 70%).<br>The storage stability is one year after delivery. |

| Converted product       | Rolls                       |       |
|-------------------------|-----------------------------|-------|
| Width [mm]              | 300                         | 457   |
| Length [m]              | 10/25                       | 10/25 |
| Max. log width: 1060 mm | Other dimensions on request |       |

| Variants              | Duploflex® 5.1               |                | Duploflex® 5.2               |                |
|-----------------------|------------------------------|----------------|------------------------------|----------------|
|                       | Name                         | Thickness [mm] | Name                         | Thickness [mm] |
| Liner                 | embossed PP film white       | 0,13           | embossed PP film white       | 0,13           |
| Adhesive covered side | acrylic with lower adhesion  | 0,55           | acrylic with lower adhesion  | 0,55           |
| Carrier               | soft PE foam yellow          |                | medium-soft PE foam magenta  |                |
| Adhesive open side    | acrylic with higher adhesion |                | acrylic with higher adhesion |                |
| Duploflex® 5.3        |                              |                |                              |                |
|                       | Name                         | Thickness [mm] |                              |                |
| Liner                 | embossed PP film white       | 0,13           |                              |                |
| Adhesive covered side | acrylic with lower adhesion  | 0,55           |                              |                |
| Carrier               | soft PE foam yellow          |                |                              |                |
| Adhesive open side    | acrylic with higher adhesion |                |                              |                |

The physical characteristics contained in our data sheets represent typical or average values. They do not represent any warranties or guarantees and must not be used for technical specification purposes. All application related statements, information and recommendations herein are given to the best of our knowledge and practical experience. The buyer is responsible for determining the suitability of the specific tape for its intended use in connection with user's method of application. Please consult our Technical Applications Department for specific advice. Our general Term and Conditions of Sale apply, particularly with regard to warranty and liability.

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