PLATE MOUNTING TAPE SOLUTIONS FOR FLEXIBLE PACKAGING PRINTERS

tesa Softprint® – a Comprehensive Assortment for High Process Efficiency in Flexographic Printing
OUR VALUE PROPOSITION

Solutions that Go Beyond Tape

As a leading global supplier of adhesive solutions, we are a reliable partner in the flexographic printing market and have a comprehensive understanding of plate mounting application from development to production and sales.

Classical design
• Easy tape handling with PET reinforcement film
• Wide range of product lines for individual requirements

FLEX product design

Aligned product design for critical sleeve application e.g.:
• Thin-walled sleeves
• Scratched sleeve surfaces

Extensive R&D and lab support
Our specialized R&D engineers are focused on developing innovative adhesive solutions for the wide range of requirements in the flexographic printing industry.

Partnering to solve industry challenges
Our dedicated flexo team of more than 100 experts helps to improve overall efficiency by recommending solutions that optimize your existing set-up. We invite customers to our facilities to discuss specific product needs and testing requirements.

DESIGN MAKES THE DIFFERENCE

Increasing print quality demands, combined with high levels of process efficiency call for tailor-made plate mounting tape design. Our tesa Softprint® assortment provides two product designs, CLASSIC and FLEX, offering individual possibilities for more process efficiency.

CLASSIC product design
- Easy tape handling with PET reinforcement film
- Wide range of product lines for individual requirements

FLEX product design

Aligned product design for critical sleeve application e.g.:
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FOR MAXIMIZED EFFICIENCY

To achieve maximized efficiency throughout the production process all influential factors and conditions must be considered with regard to maximizing the results. The chart for the tesa® product selection procedures in each variety of sales packages to offer each partner the best plate mounting tape for their individual requirements.

tesa® product selection guide

| Low tack adhesive for dry and fast plate mounting and easy demounting. Secure bonding with excellent resistance to edge lifting especially under warm and high humidity conditions. | SEC-X |
| Moderate tack adhesive for initial plate mounting under warm conditions. Secure bonding with excellent resistance to edge lifting especially under warm and high humidity conditions. | SMIX |
| Very low tack adhesive for easy and fast plate mounting and easy demounting. Secure bonding with excellent resistance to edge lifting in clean and standardized conditions. | FLX-X |

tesa Softprint® product selection guide

| Low tack adhesive for reliable plate mounting under most conditions. Secure bonding with excellent resistance to edge lifting. | SEC-X |
| Medium tack adhesive for reliable plate mounting under most conditions. Secure bonding with excellent resistance to edge lifting. | SMIX |
| High tack adhesive for reliable plate mounting under most conditions. Secure bonding with excellent resistance to edge lifting. | SEC-X |

Choosing Right Tape for First Step to Success

Handling and Storage Conditions

Stress for optimal plate mounting

- Plate cleaning
- Mounting
- Demounting
- Storage conditions
- 20°C, 70% and 98% relative humidity
- No direct sun light
- No water resistance

Roller wrapping

- Inner side of film substrates
- Difficult-to-splice film substrates
- Standard film substrates

Edge sealing

- Special circumstances like older high-class printing machines where the plate is not mounted in a clean environment, especially high-speed printing processes where the substrate is not mounted under standardized conditions

Fabric Tagging

- For rough core surfaces
- Adhesive Promoter
- Ink tray coverage

Core starting

- Adhesive Promoter
- Adhesive Promoter
- Adhesive Promoter

Failure flagging

- For marking material imperfections
- Attached to the core

Ink tray coverage

- Adhesive Promoter
- Adhesive Promoter
- Adhesive Promoter

Bonding

- To ensure the web is securely attached to the core.

Integrated flying splice

- Provides distinctive product lines for fl exo printers to fulfill each and every requirement.

Splicing

- Provides distinctive product lines for fl exo printers to fulfill each and every requirement.

Splicing tapes.

- Provides distinctive product lines for fl exo printers to fulfill each and every requirement.

Documentation

- Adhesive Promoter
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Storage conditions

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Our Complementary Products for Flexographic Printing

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<tr>
<th>Webstock</th>
<th>Super White</th>
<th>No. of rolls</th>
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Additional tools

- Ink tray coverage
- Bonding
- Adhesive Promoter

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# ALWAYS A FITTING SOLUTION

## Plate Mounting Tapes for Your Individual Requirements

Plate mounting tapes have a critical influence on your process efficiency and print quality. Our tesa Softprint® assortment is supported by our smart tape production process – leaving all foam cells within the tape backing intact for better cushioning and resilience over time. Selecting the correct foam hardness from our assortment will produce exceptional print quality by increasing your printing speed and overcoming print defects like banding, increased dot gain, and “pin holing”.

### tesa Softprint® 500 µm / 20 mil category (thickness 550 µm / 22 mil)

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### tesa Softprint® BigFoam 1500 µm

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<th>Product line</th>
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<td>Medium tack adhesive for reliable plate mounting under most conditions</td>
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Our management system is certified according to the standards ISO 9001, ISO/TS 16949, and ISO 14001. All our products delivered to automotive customers are listed in the International Material Data System (IMDS).