



Adhesive expertise for flexographic printing



Full plate mounting assortment and expert
consultation for flexible packaging printing

Your partner for all adhesive needs in flexographic printing

Our purpose is to make life easier in the plate mounting world with advanced adhesive technologies and a global team of flexo experts. Through collaboration, we help optimize your production line by saving you time, money, and resources.

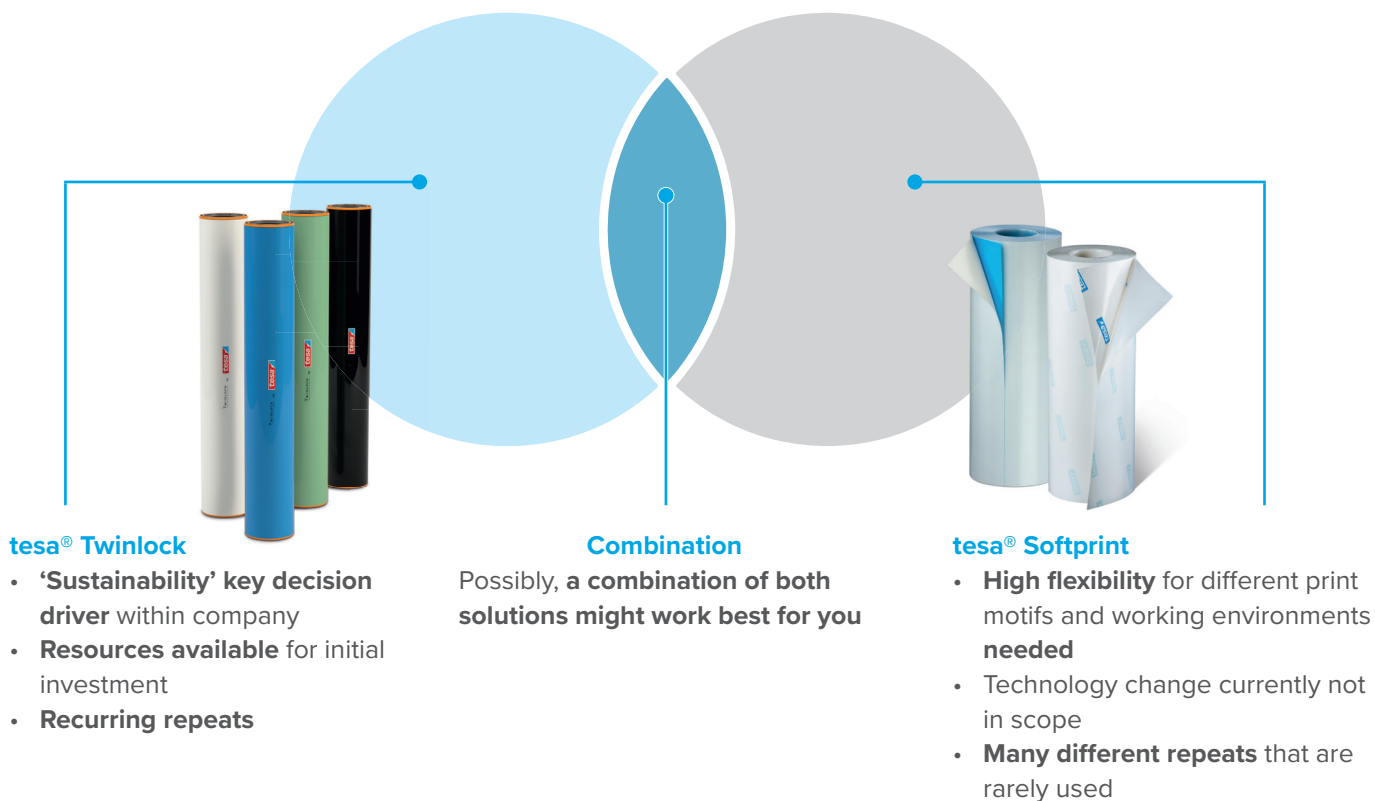
Our comprehensive assortment of truly dependable self-adhesive plate mounting tapes and sleeves allows us to provide unbiased consultations.

We have been a reliable partner to the flexo printing industry for decades and together, we will find the solution that works best for you!

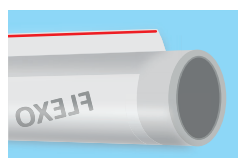
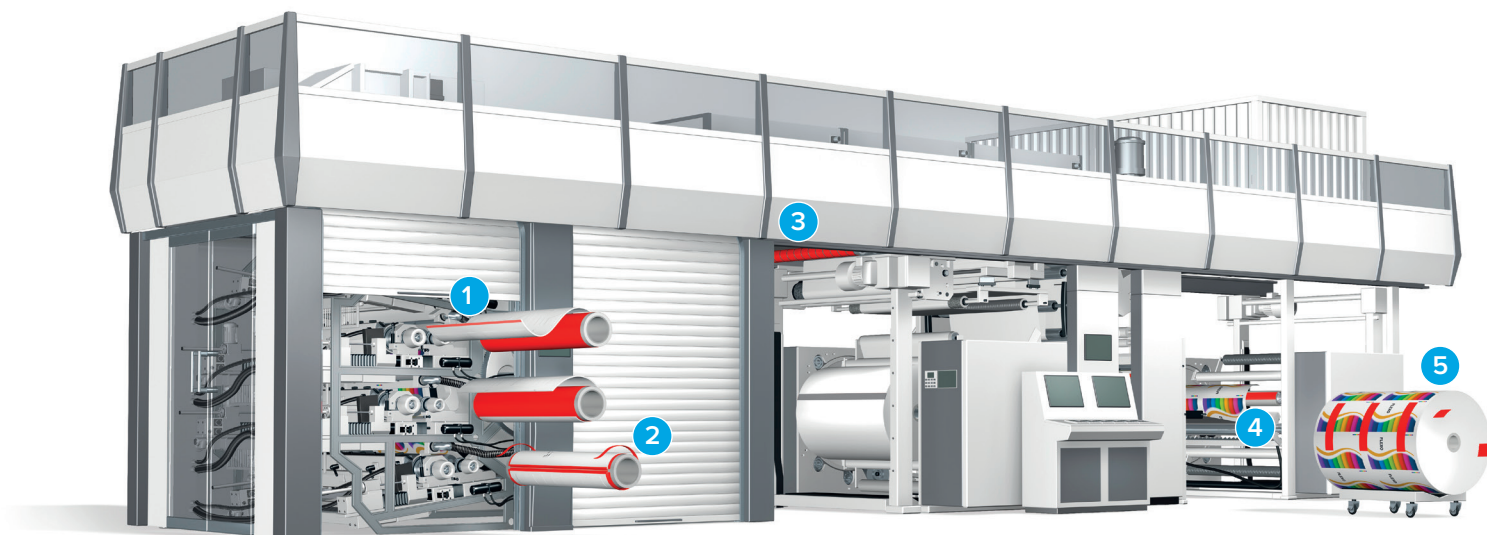


What is best for your plate mounting needs?

tesa® Twinlock self-adhesive sleeves or tesa® Softprint self-adhesive tapes? Possibly a combination of both? Here are some main influencing factors for your decision:



Our complementary products for flexographic printing



Application

Solution

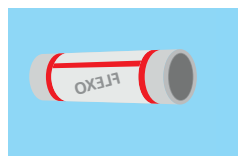
1 Adhesion Promoter

tesa® 60152

Recommended for tesa® Softprint FE, FE-X, and SEC-X

tesa® 60153

Recommended for tesa® Softprint SLM, TP, TP-X, and STM



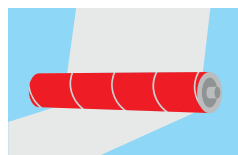
2 Edge sealing

tesa® 60404

Single-sided tape for safe bond on a variety of materials

tesa® 4244 PV2

Single-sided tape with high flexibility



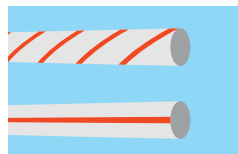
3 Roller wrapping

tesa® Printer's Friend 4863

Anti-slip silicone tape with embossed surface

tesa® Printer's Friend 4563

Anti-slip silicone tape with smooth surface



4 Core starting

tesa® 60404

Single-sided tape for safe bonding on paper and PE cores

tesa® 51194

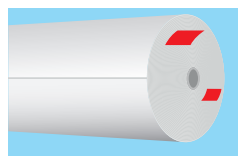
Splittable double-sided tape for flying splice labelling

tesa® 51904

Double-sided tape with high tack and adhesion

tesa® 52307*

Double-sided tape for easy release



5 Failure flagging & end tabbing

tesa® 60404

Different tape colors available, safe bond on a variety of materials

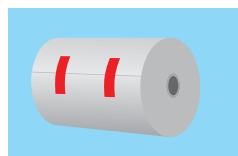
Additional tools

tesa® 52064

Plate cleaning roller

tesa® 52065

Rubber mounting roller (standard)



* Available upon request. Please contact your local sales representative for more information

For information on our static and flying splicing solutions please visit www.tesatape.com/industry/print-paper

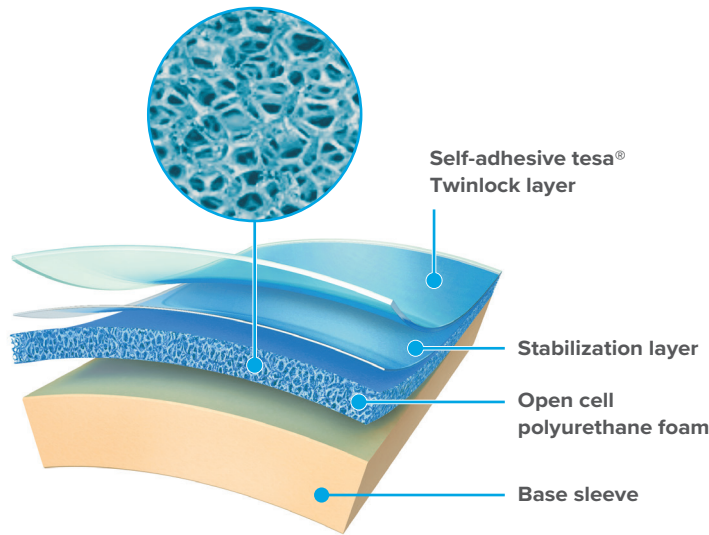
tesa® Twinlock – our reusable plate mounting sleeve

tesa® Twinlock is our self-adhesive and compressible plate mounting sleeve. It is designed for reusability as the printing plate can be directly mounted on the self-adhesive sleeve surface. After printing and plate removal, the tackiness can simply be re-activated and the sleeve is ready for the next job. When proper cleaning and handling procedures are observed, tesa® Twinlock can be used over and over again.

We offer:

- Three hardness levels (soft, medium, hard)
- Different thickness coating layers to deliver a sleeve that fits your needs
- Objective consultations to evaluate whether tesa® Twinlock is the right fit for you
- Automated solutions for the tesa® Twinlock activation process step

tesa® Twinlock is made up of the same type of base sleeve you are already using. Choose your favorite sleeve type to which we add a layer of polyurethane (PU) foam, a stabilization film layer, and then a layer made from a polymer that is formulated to retain its adhesive qualities. In other words, it is permanently tacky.



tesa® Twinlock assortment

| Product | Foam | Color code | Print motif |
|------------------------------|--------------|---------------|-------------|
| tesa® Twinlock soft sleeve | Polyurethane | White | |
| tesa® Twinlock medium sleeve | Polyurethane | Green Blue | |
| tesa® Twinlock hard sleeve | Polyurethane | Black | |

85% of all the sleeves we produce are of medium hardness. The other 15% is equally divided between soft and hard PU foam hardnesses.

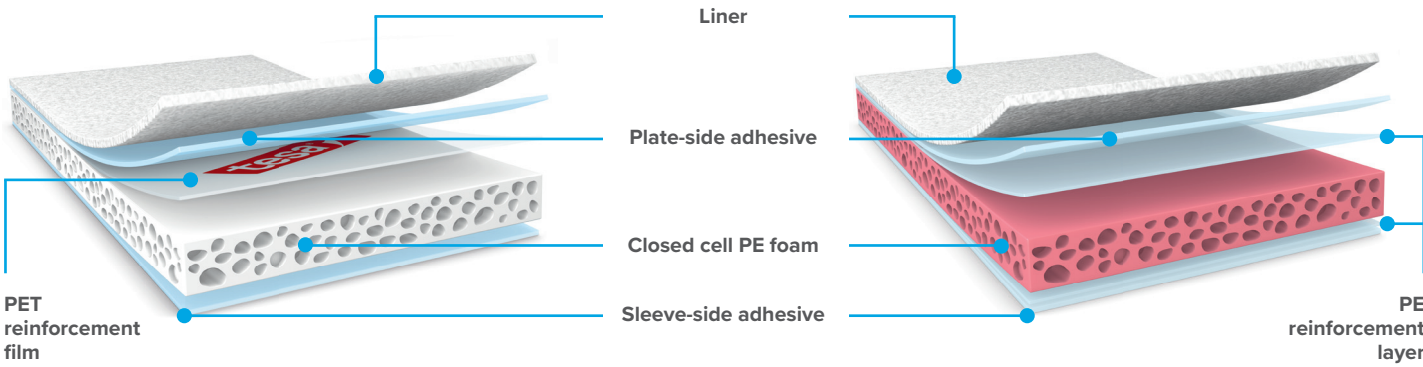
| Product | Description |
|-------------|--|
| tesa® 74100 | tesa® Twinlock activator for manual activation, 5 liters |
| tesa® 74120 | tesa® Twinlock activator 2.0 for Twinlock Activation Machine (TAM), 5 liters |
| tesa® 60110 | Primer pen transparent, 40 ml |
| tesa® 60120 | Primer pen black, 40 ml |
| tesa® 74140 | Fine cleaning cloth for manual cleaning with supportive block |
| tesa® 74130 | Medium cleaning cloth for TAM |
| tesa® 52065 | Rubber mounting roller (standard) |
| tesa® 74165 | Rubber mounting roller (for thick plates > 2.4 mm) |

tesa® Softprint – full assortment of tailored plate mounting tapes

tesa® Softprint is our well-proven family of plate mounting tapes, which we are constantly evolving in order to fulfill all market needs.

The tapes provide the highest levels of both print quality and process efficiency. No matter the age or type of your equipment, what you are printing, which plates, sleeves, or cylinders you are using - your perfect tape fit can be found within our assortment!

- One of our state-of-the-art adhesives will match your requirements exactly
- Depending on your print motif, one of our tailored foam hardnesses will ensure best results
- We are the only supplier in the market offering two designs: 'Classic' and 'Flex', to cater for all sleeve types and handling needs
- Experience our tesa® Softprint easy application (EA) liner for extra smooth mounting: The structured liner creates micro channels in the adhesive to help air escape during the mounting and printing process. Available for selected products - please contact us for more information.



Classic product design

PET reinforcement film leads to stable tape design and easy tape demounting

Flex product design

PE reinforcement layers lead to flexible tape design which supports excellent conformability on various sleeve surfaces (e.g. thin walled or scratched sleeves)



tesa® Softprint 500 µm/20 mil category

| Product line | Product design | X-Soft | Soft | Medium | Medium-Hard | Hard | X-Hard |
|-----------------------|----------------|--------|-------|--------|-------------|-------|--------|
| tesa® Softprint STM | Classic | - | 72022 | 72024 | 72026 | 72028 | - |
| tesa® Softprint TP | Classic | - | 72122 | 72124 | 72126 | 72128 | 72129 |
| tesa® Softprint SLM | Classic | 72220 | 72222 | 72224 | 72226 | 72228 | - |
| tesa® Softprint TP-X | Classic* | - | 72322 | 72324 | 72326 | 72328 | - |
| tesa® Softprint TP-X | Flex | - | 73322 | 73324 | 73326 | 73328 | - |
| tesa® Softprint FE | Classic | 72420 | 72422 | 72424 | 72426 | 72428 | - |
| tesa® Softprint FE | Flex | - | 73422 | 73424 | 73426 | 73428 | - |
| tesa® Softprint FE-X | Classic | - | 72522 | 72524 | 72526 | 72528 | - |
| tesa® Softprint FE-X | Flex | - | 73522 | 73524 | 73526 | 73528 | - |
| tesa® Softprint SEC-X | Classic | - | 72722 | 72724 | 72726 | 72728 | - |

* Available upon request. Please contact your local sales representative for more information

| Product line | Medium | Product explanation |
|------------------------------------|--------|---|
| tesa® Softprint BigFoam 1500 µm | 52060 | High tack plate side adhesive for plate mounting in unclean and cold conditions |
| tesa® Softprint BigFoam LT 1500 µm | 52062 | Medium tack adhesive for reliable plate mounting under most conditions |

tesa® Softprint product line selection

| | FE | FE-X | SEC-X | TP-X | STM |
|------------------------------------|-----|------|-------|------|-----|
| Clean and standardized conditions | | | | | |
| Warm and high humidity conditions | SLM | TP | | | |
| Cold and maybe not perfectly clean | | | | | |

Bonding towards sleeve
Standard

Foam advisor

To help you get started, we have created the FOAM ADVISOR – a product selection tool that will help you identify the perfect combination of printing plate and plate mounting tape, which is essential for achieving optimal print results in your operation. Find out which tape suits you best by providing your existing process parameters.



tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. The user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



04/2022

Certifications

Our company is focused on international quality, environmental, and occupational safety standards.

Please find more information regarding our certifications at:
www.tesa.com/certifications

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