Adhesive expertise
for flexographic printing

Full plate mounting assortment and expert
consultation for flexible packaging printing

Your partner for realizing packaging potential

Waste reduction and cutting emissions. Faster print runs. Cleaner prints with fewer errors. All major factors in the success of a flexographic printing project. Our job is to help make yours easier.

Working together we can meet and beat expectations for quality, efficiency, flexibility, and sustainability. We bring advanced adhesive technologies and a fleet of flexo experts from around the world.

Our comprehensive assortment of reliable self-adhesive plate mounting tapes and sleeves helps avoid common print issues and provides the best possible print quality. Our on-site training and consultations can help give your processes a lift, making savings on time and materials.

Let's unleash your print potential – together.

A choice of products to suit your plate mounting needs

Choose from tesa® Twinlock self-adhesive sleeves or tesa® Softprint self-adhesive tapes – or a combination of both. See which of these influencing factors will help make your decision:
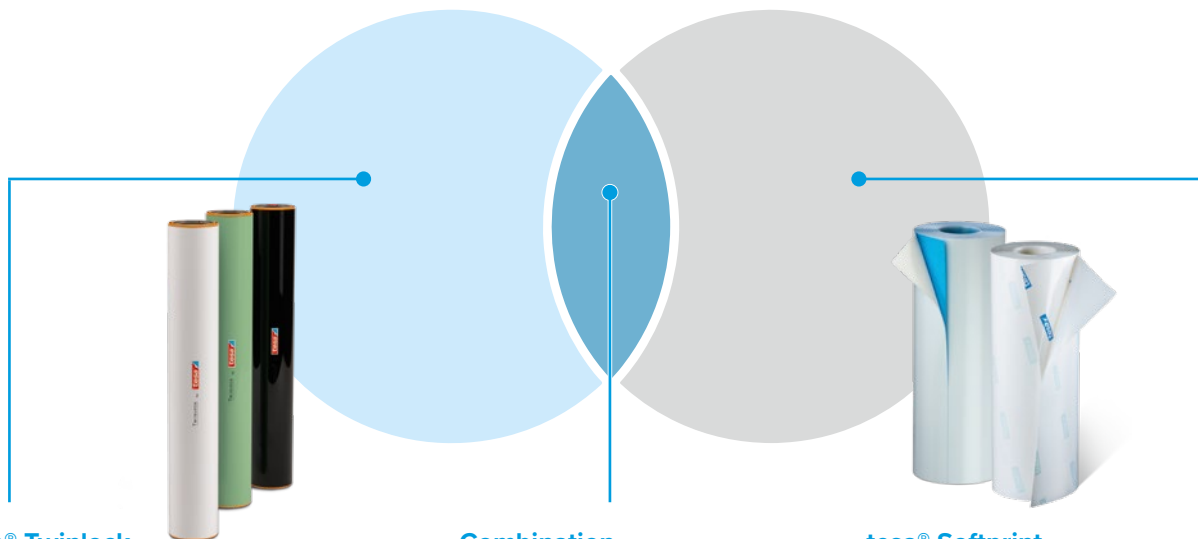
tesa® Twinlock
- For companies where sustainability is a key decision driver
- Initial investment required to make the most of the solution
- Especially suitable and profitable for recurring repeats

Combination
It is also possible that a combination of both solutions works best for you.

tesa® Softprint
- High flexibility for printing different motifs in various working environments
- For companies where a change in technology is currently not in scope
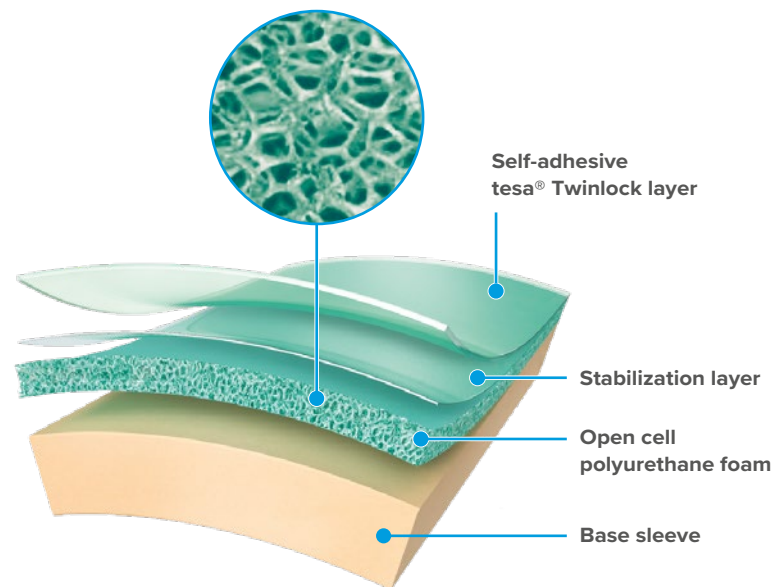- Suitable in case of many different, rarely used repeats

tesa® Twinlock – reusable plate mounting sleeve

tesa® Twinlock is our self-adhesive and compressible plate mounting sleeve. The printing plate can be directly mounted on the self-adhesive sleeve surface. After printing and plate removal, the tackiness can be re-activated, and the sleeve is ready for the next job. With proper cleaning and handling procedures, tesa® Twinlock can be used over and over, providing the high standards of reliability and efficiency you would expect.

We offer:
- Three levels of hardness (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

We supply tesa® Twinlock to match the type of base sleeve you are already using – the versatility and efficiency of the product means there is no need to change your processes. 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 formulated to retain its adhesive qualities – permanently tacky.

Self-adhesive tesa® Twinlock layer

Stabilization layer

Open cell polyurethane foam

Base sleeve

Benefits of tesa® Twinlock

Reaching sustainability targets
Reduce your carbon footprint – eliminate waste caused by plate mounting tape, and reduce emissions caused by frequent tape shipments.

Achieving cost and time savings
Save on the cost of buying, storing, mounting, and de-mounting a variety of tapes. The initial investment in tesa® Twinlock sleeves will pay itself back in short order.

Efficient, high-quality printing
Our high-quality product design and exceptional production standards ensure precise, stable printing. Long runs, high speeds, and a perfect register are all easily achievable.
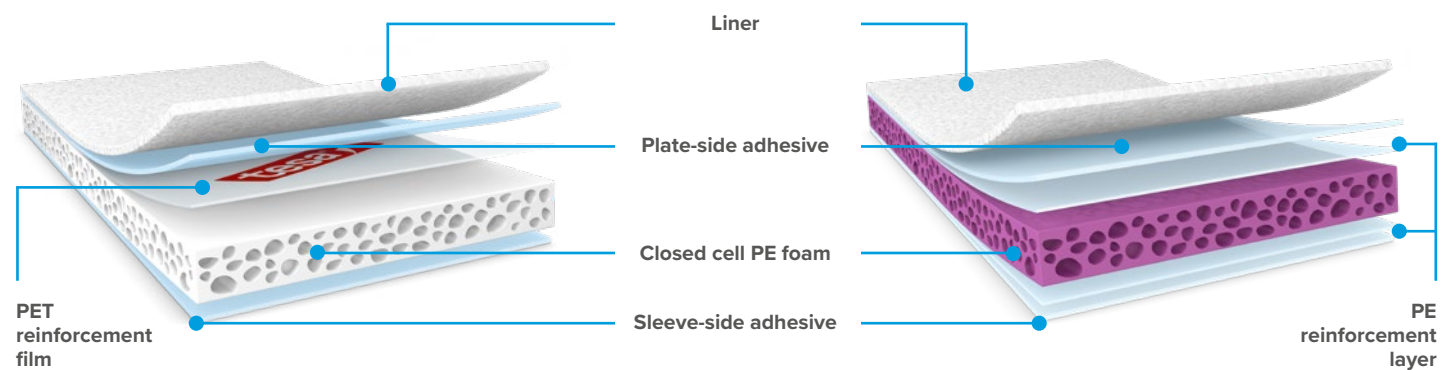
tesa® Twinlock assortment

Product	Foam	Color code		Print motif
tesa® Twinlock soft sleeve	Polyurethane		White	
tesa® Twinlock medium sleeve	Polyurethane		Green	
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 hardness levels.

Product	Description
tesa® 74100	tesa® Twinlock activator for manual activation, 5 liters
tesa® 74121	tesa® Twinlock activator 2.0 for Twinlock Activation Machine (TAM), 5 liters
tesa® 60111	Primer available in transparent and black
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® Softprint – full assortment of tailored plate mounting tapes

Our assortment of tesa® Softprint plate mounting tapes is constantly evolving to fulfill all market needs. Our proven solutions provide the highest levels of print quality and process efficiency.

Your perfect tape fit can be found within our assortment – no matter the age or type of equipment, printing plates, sleeves, or cylinders.

- One of our state-of-the-art adhesives will match your requirements exactly
- Depending on the print motif, one of our tailored foam hardness levels will ensure best results
- We are the only supplier on the market offering two product designs: 'Classic' and 'Flex', to cater for all sleeve types and handling needs
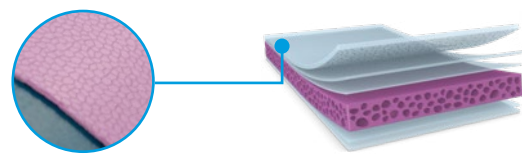
Liner
Plate-side adhesive
Closed cell PE foam
Sleeve-side adhesive
PET reinforcement film
PE reinforcement layer

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)

Our structured 'easy application' (EA) liner

Experience our tesa® Softprint easy application (EA) liner for extra smooth mounting: The structured liner creates micro channels in the adhesive to avoid air accumulation beneath the plate during the mounting and printing process. Available for selected products - please refer to the following product table.
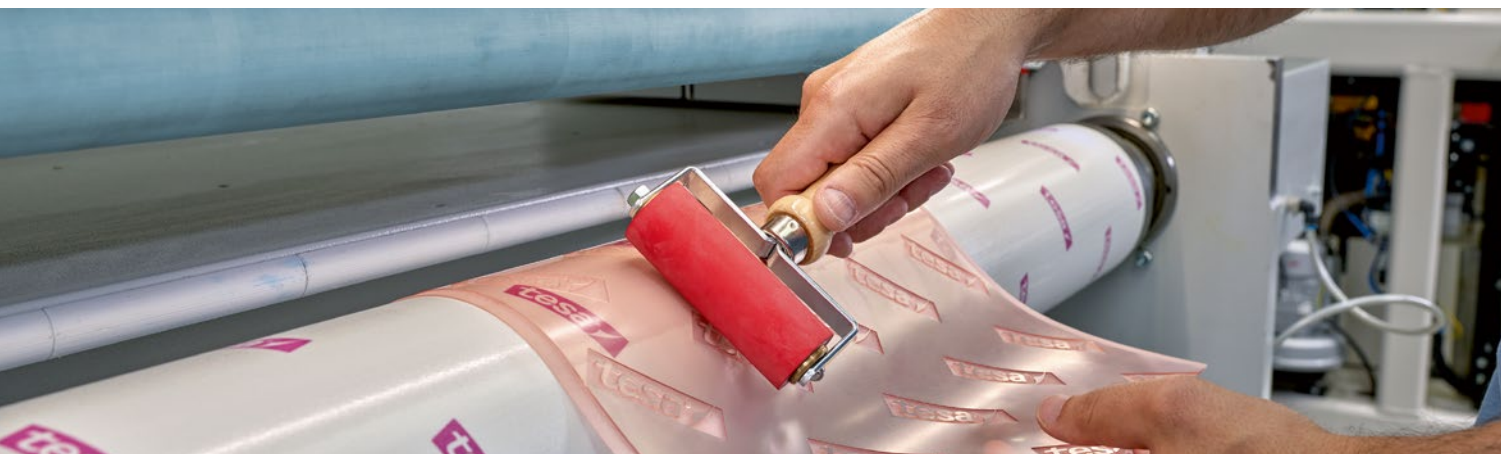
tesa® Softprint 500 category

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
	Flex	-	73122	73124	73126	73128	-
tesa® Softprint SLM	Classic	72220	72222	72224	72226	72228	-
tesa® Softprint TP-X	Classic	-	72322	72324	72326	72328	-
	Flex	-	73322*	73324*	73326*	73328*	-
tesa® Softprint FE	Classic	72420	72422	72424	72426	72428	-
	Flex	-	73422	73424	73426	73428	-
tesa® Softprint FE-X	Classic	-	72522*	72524*	72526*	72528*	-
	Flex	-	73522*	73524*	73526*	73528*	73529**
tesa® Softprint SEC-X	Classic	-	72722	72724	72726	72728	-

* also available with EA liner
** only available with EA liner

tesa® Softprint product line selection

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

Plate repositioning

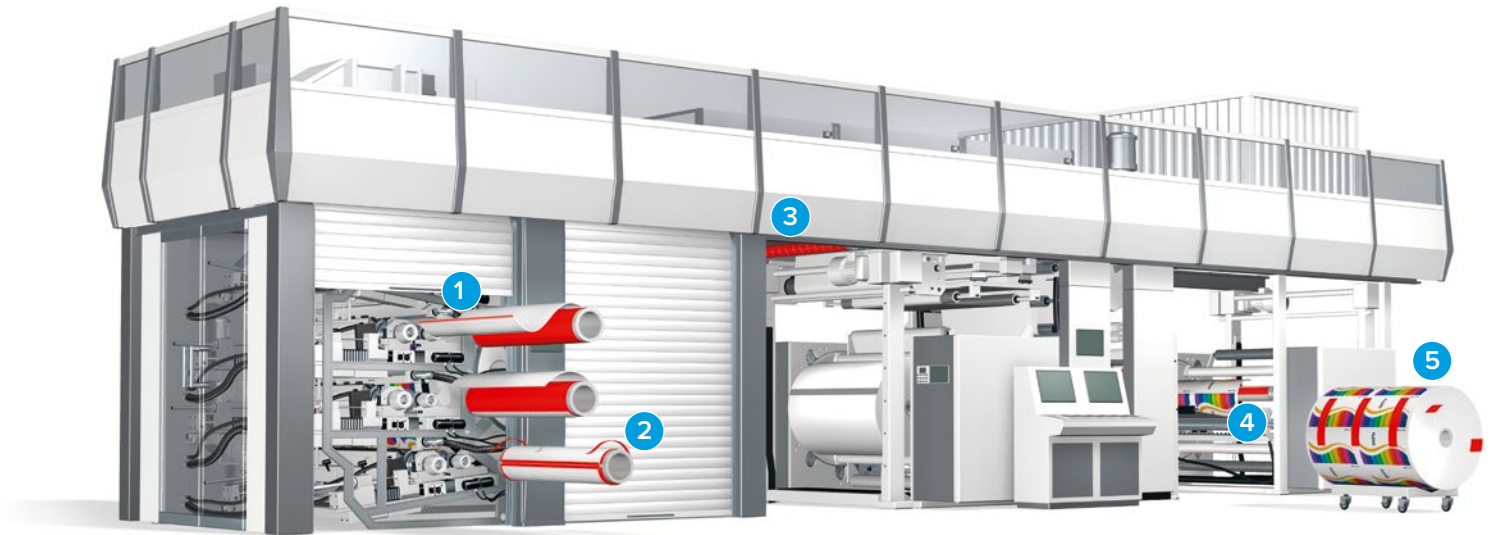**Bonding towards sleeve**
Standard

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.

Our complementary products
for flexographic printing

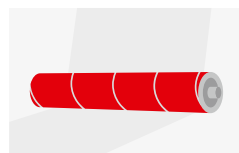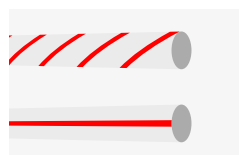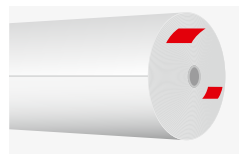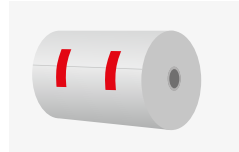| Application	Solution
1 **Adhesion promoter**	
tesa® 60111/60160	Recommended for all tesa® Softprint products
2 **Edge sealing**	
tesa® 60404	Single-sided tape for safe bond on a variety of materials
tesa® 4244 PV2	Single-sided tape with high flexibility
3 **Roller wrapping**	
tesa® Printer's Friend 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)
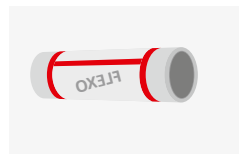
For information on our static and flying splicing solutions please visit **www.tesa.com/print**
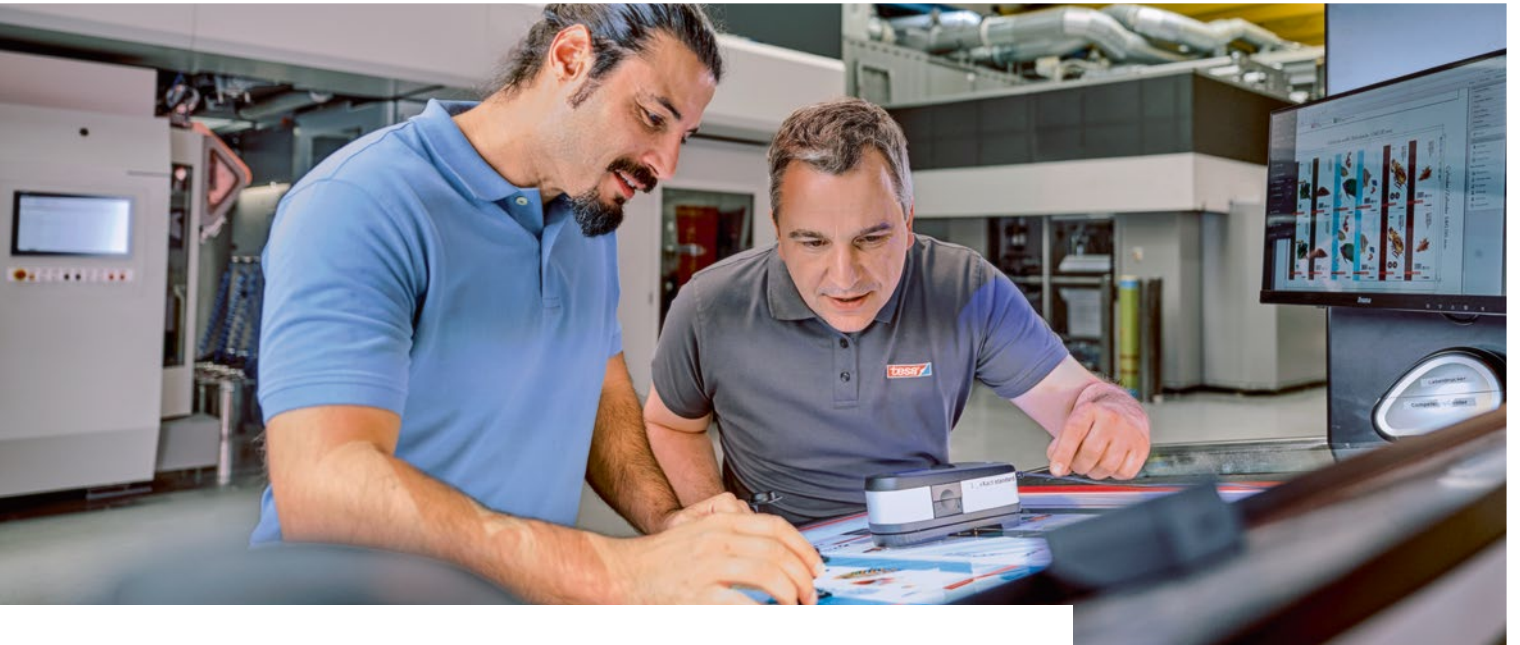
Certifications

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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