

A woman in a light blue polo shirt is standing in a factory, operating a control panel of a flexographic printing machine. The machine has several large yellow rollers and is printing labels. Another worker in a blue shirt is visible in the background, also working with the machinery. The scene is brightly lit, and the floor is a light grey color.

Complete package for high-quality label printing

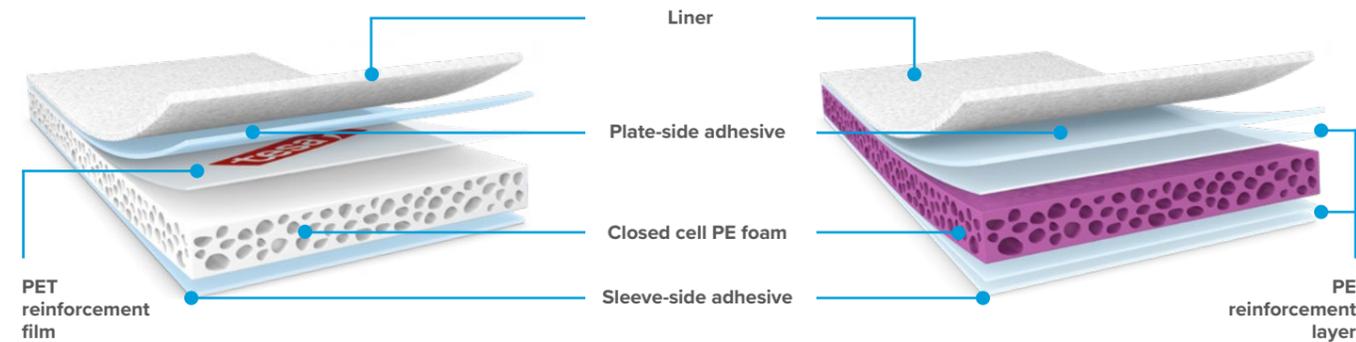
tesa® self-adhesive solutions for
flexographic label printing

tesa® Softprint – tailor-made product assortment for individual needs

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.

No matter the age or type of equipment, plate, sleeve, or cylinder, you will find the perfect tape for your application in our assortment.

- 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 the best results
- We are the only supplier on the market offering two product designs, “Classic” and “Flex,” to match for all sleeve types and handling needs



Classic product design

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

Flex product design

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

tesa® Softprint 380 category*

	X-Soft	Soft	Medium	Medium-Hard	Hard
Classic product design					
tesa® Softprint STM	tesa® 52018	tesa® 52017	tesa® 52016	tesa® 52015	tesa® 52014
tesa® Softprint STM-X	-	tesa® 52617	tesa® 52616	tesa® 52615	-
tesa® Softprint TP	tesa® 52118	tesa® 52117	tesa® 52116	tesa® 52115	tesa® 52114
tesa® Softprint SEC	tesa® 52818	tesa® 52817	tesa® 52816	tesa® 52815	tesa® 52814
Flex product design					
tesa® Softprint FE	tesa® 53418	tesa® 53417	tesa® 53416	tesa® 53415	tesa® 53414

*also available: tesa® Softprint 500 category

tesa® Softprint product line selection

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

Bonding towards sleeve: Standard (←) to + (→)

Plate repositioning: + (↑) to - (↓)

tesa® Twinlock – reusable plate mounting sleeve

tesa® Twinlock is our reusable, self-adhesive, and compressible plate mounting solution. The printing plate can be directly mounted on the self-adhesive sleeve surface, saving costs for the purchase, storage, mounting, and demounting of tapes. The tackiness can be re-activated repeatedly by simply cleaning the sleeve with our Activator. Our validated product concept offers a sustainable solution, substantially reducing both costs and waste. We provide tesa® Twinlock to fit the type of base sleeve you are currently using. The product's versatility and efficiency ensure that you won't need to change your processes.

Select your preferred sleeve type – and we will apply our tesa® Twinlock layer to it.

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 hardnesses.

Benefits of tesa® Twinlock



Reaching sustainability targets

Why? Because you can reduce your carbon footprint by eliminating the waste caused by plate mounting tape and the corresponding emissions caused by frequent tape shipments.



Cost and time savings

Why? Because you won't be buying, storing, mounting, and demounting a variety of tapes any longer. The initial investment in tesa® Twinlock sleeves will pay for itself in no time!



Don't worry, just print

Why? Because our high-quality product design and exceptional production standards ensure precise and stable printing. Long runs, high speeds, perfect register? Not a problem at all!

tesa® online support tools

Discover the benefits of our online tools for the flexographic label printing industry

Our online calculator and foam advisor tool enable you to make faster business decisions, saving both time and costs. This boosts your process efficiency and profitability. Moreover, you can reach out to us directly for individual support.

tesa® Softprint foam advisor

Find the best fitting product with our tesa® Softprint 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.



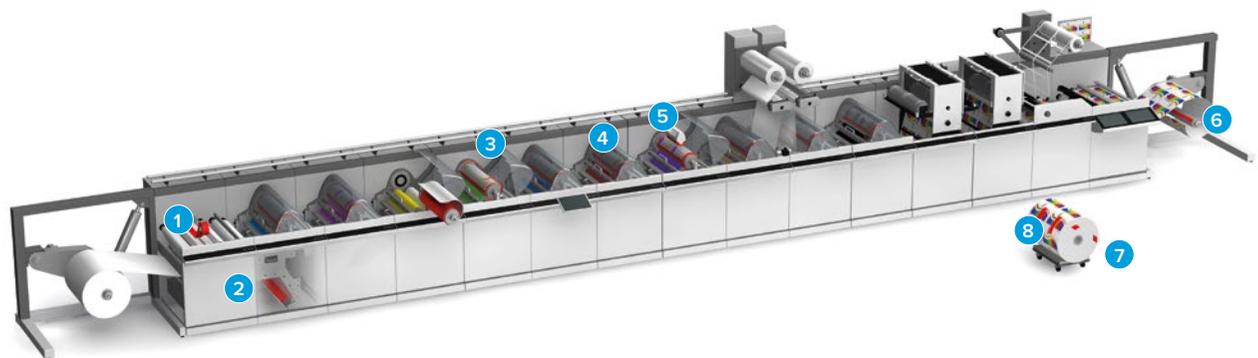
tesa® Twinlock ROI calculator

Calculate your return on investment between tape vs. tesa® Twinlock

The main advantage of our tesa® Twinlock technology is the reusability of the self-adhesive sleeves, which have the potential to run endlessly, improving efficiency and increasing productivity. In fact, you could make a return on your investment sooner than you think. Get an initial estimation on your potential savings by entering the parameters of a specific sleeve set.



Our complementary products for flexographic label printing



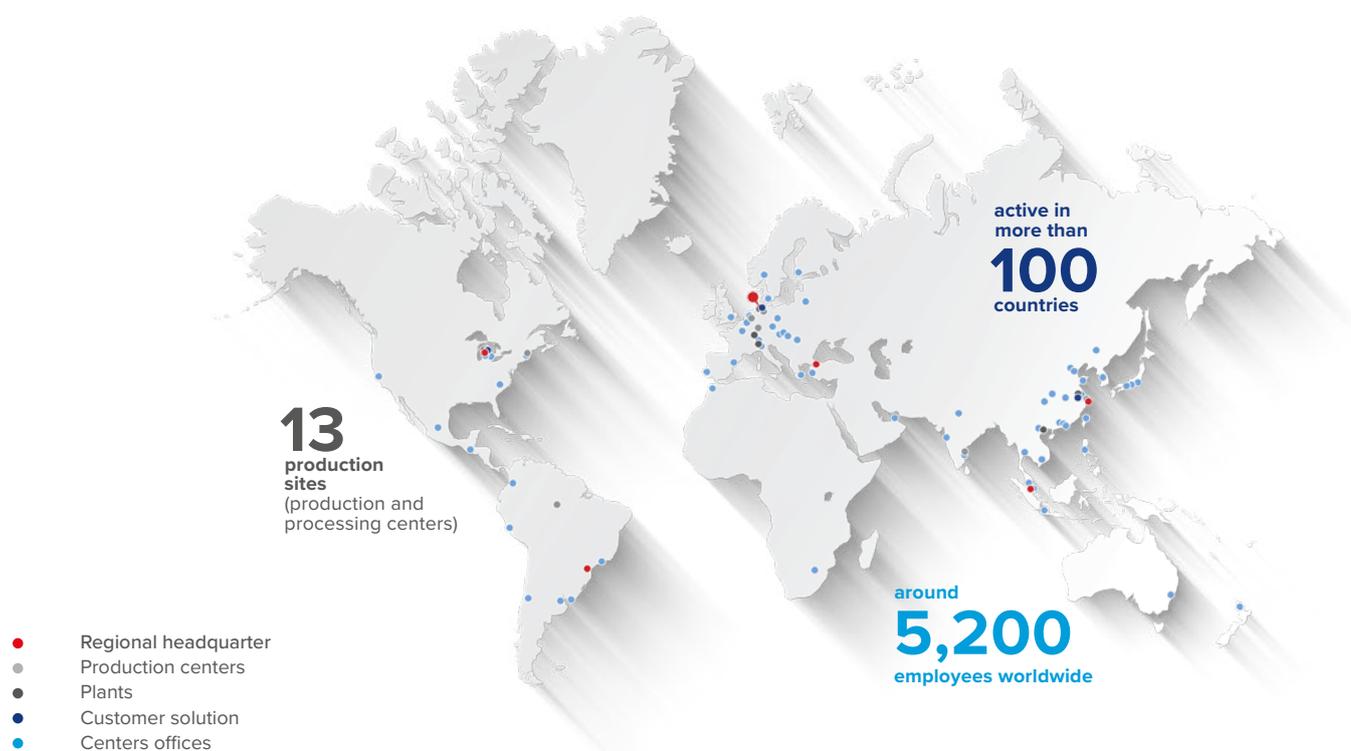
Application	Description	Color	Backing	Thickness		Adhesive
				[μm]	[mil]	
1 Splicing tapes for continuous production						
	tesa® 51904	Double-sided tape for non-polar substrates	●	Non-woven	110/4	Synthetic rubber
	tesa® 64620	Double-sided tape for standard film substrates	○	PP	185/7	Synthetic rubber
	tesa® 60404	Single-sided tape for standard film substrates	●●●●○	PVC	67/3	Natural rubber
	tesa® 50600	Single-sided tape for siliconized substrates	●	PET	50/2	Silicon
	tesa® 61127	Single-sided tape for siliconized substrates and optical splice detection	●	PET	65/3	Silicon
	tesa® 4156	Single-sided tape with special backing for easy application	●	Cellophane	60/2	Rubber-based
	tesa® 4137	Single-sided tape for standard film substrates and inductive splice detection	●	PET	50/2	Acrylic
2 Roller wrapping tapes to prevent ink lay down on guiding rollers and to improve web tension						
	tesa® Printer's Friend 4863	Embossed surface to resist sticky substances and reliable non-slip grip	●	Silicone-coated cloth	620/24	Natural rubber
	tesa® Printer's Friend 4563	Smooth surface to resist sticky substances and reliable non-slip grip	●	Silicone-coated cloth	380/15	Natural rubber
3 Edge sealing tapes to prevent plate edge lifting						
	tesa® 60404	Rigid single-sided tape	●●●●○	PVC	67/3	Natural rubber
	tesa® 4174	Flexible single-sided tape for solvent plates	●	PVC	110/4	Natural rubber
	tesa® 4185	Flexible single-sided tape for thermal plates	●	PVC	100/4	Natural rubber
4 Adhesion promoter to prevent plate edge lifting						
	tesa® 60111	Recommended for all tesa® Softprint products and tesa® Twinlock sleeves	○	-	-	-
	tesa® 60111BK		●	-	-	-
5 Support tools for production						
	tesa® 52064	Plate cleaning roller	-	-	-	-
	tesa® 52065	Rubber mounting roller	-	-	-	-
6 Core starting tapes to secure the core of a paper or film roll to the winding shaft						
	tesa® 60404	Rigid single-sided tape for safe bonding on paper and PE cores	●●●●○	PVC	67/3	Natural rubber
	tesa® 51194	Splittable double-sided tape for flying splice application	●	Non-woven	120/5	Synthetic rubber
	tesa® 51904	Double-sided tape with high tack and high adhesion	●	Non-woven	110/4	Synthetic rubber
	tesa® 52307	Double-sided tape with differential adhesive level for easy release	○	PVC	70/3	Acrylic
7 Failure flagging tapes to mark production defects						
	tesa® 60404	Rigid single-sided adhesive tape for easy marking of defects	●●●●○	PVC	67/3	Natural rubber
8 End tabbing tapes for roll closure						
	tesa® 60404	Rigid single-sided tape for secure roll closure	●●●●○	PVC	67/3	Natural rubber



Together, we can enhance label printing.

With growing demands for higher print quality, reduced emissions, and improved production efficiency, there's a need for a reliable global partner in adhesive plate mounting solutions. Our extensive range of plate mounting tapes, self-adhesive sleeves, and complementary products ensures that we can always provide the best solutions for our customers' needs. By working together, we can exceed expectations in quality, efficiency, flexibility, and sustainability. We offer cutting-edge adhesive technologies and a team of flexo experts from around the globe.

Let's unlock your printing potential – together.



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.



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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