

FLEXIBLE PRECISION FOR HIGH-QUALITY PLATE MOUNTING

**tesa Softprint[®] Assortment for Individual
Requirements in Flexographic Printing**



TAILOR-MADE PRODUCTS FOR MAXIMIZED EFFICIENCY

We care about your process

Those who want to stay competitive in the highly dynamic flexographic printing market need a reliable partner. With decades of experience and a clear focus on the flexographic market, we continue to invest in product development and staff qualification programs. As a result, you can count on our reliable solutions and expert services worldwide.

Aligned product designs for more efficiency

Increasing demands on print quality combined with high levels of process efficiency call for specifically, tailored plate mounting tapes. Our tesa Softprint® assortment, therefore, provides two product designs: CLASSIC and FLEX, offering individual possibilities for more process efficiency.

Two Product Designs for Individual Requirements



CLASSIC
Product design

FLEX
Product design

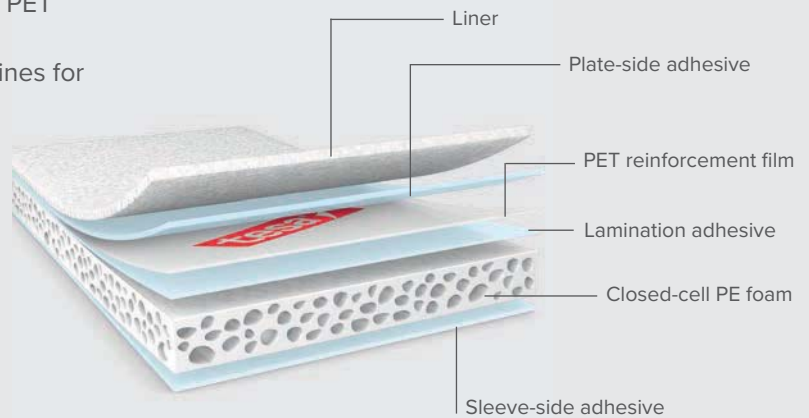
The best quality for both product designs throughout the whole process

Both assortments combine high-quality foam and film materials with specially-engineered adhesives for excellent print results and optimum handling properties. Not only are the processed components of the highest quality, they also are handled with the utmost care throughout the specifically-developed production process.

Differentiation of tesa Softprint® product designs

CLASSIC product design

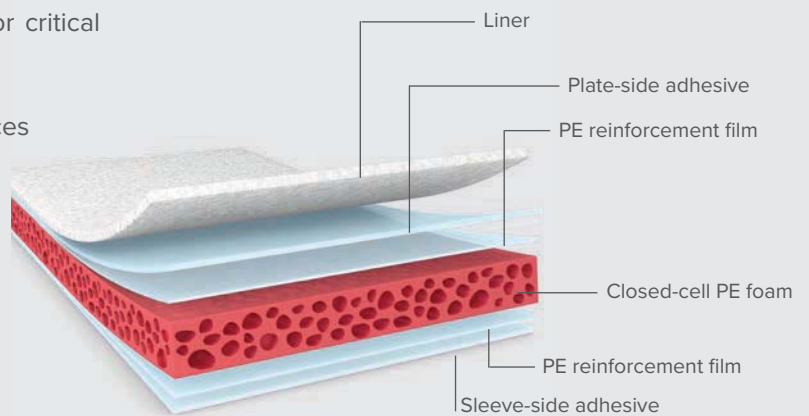
- Easy tape handling with PET reinforcement film
- Wide range of product lines for individual requirements



FLEX product design*

Aligned product design for critical sleeve application, e.g.:

- Thin-walled sleeves
- Scratched sleeve surfaces



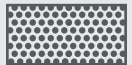




* The FLEX product design is only available in 500 µm/20 mil

ALWAYS A FITTING SOLUTION

Historically, foam plate mounting tapes were divided into two thickness categories: 380 µm/15 mil for label printing (narrow web) and 500 µm/20 mil for flexible packaging printing (wide web). Nowadays, customers decide individually which category provides the most benefits for their processes.

Our tesa Softprint® assortment offers both thickness categories of equally high quality in terms of print results and adhesive properties.

Wide Web: tesa Softprint® 500 µm/20 mil

	X-Soft	Soft	Medium	Medium-Hard	Hard	Product color code
						Print motif

CLASSIC product design

tesa Softprint® Steelmaster	-	tesa® 72022	tesa® 72024	tesa® 72026	tesa® 72028
tesa Softprint® Steelmaster TP	-	tesa® 72122	tesa® 72124	tesa® 72126	tesa® 72128
tesa Softprint® SleeveMASTER	tesa® 72220	tesa® 72222	tesa® 72224	tesa® 72226	tesa® 72228
tesa Softprint® TP-X	-	tesa® 72322	tesa® 72324	tesa® 72326	tesa® 72328
tesa Softprint® FE	-	tesa® 72422	tesa® 72424	tesa® 72426	tesa® 72428
tesa Softprint® FE-X	-	tesa® 72522	tesa® 72524	tesa® 72526	tesa® 72528
tesa Softprint® Secure	-	tesa® 72622	tesa® 72624	tesa® 72626	tesa® 72628
tesa Softprint® Secure-X	tesa® 72720	tesa® 72722	tesa® 72724	tesa® 72726	tesa® 72728

FLEX product design

tesa Softprint® TP-X	-	tesa® 73322	tesa® 73324	tesa® 73326	tesa® 73328
tesa Softprint® FE-X	-	tesa® 73522	tesa® 73524	tesa® 73526	tesa® 73528

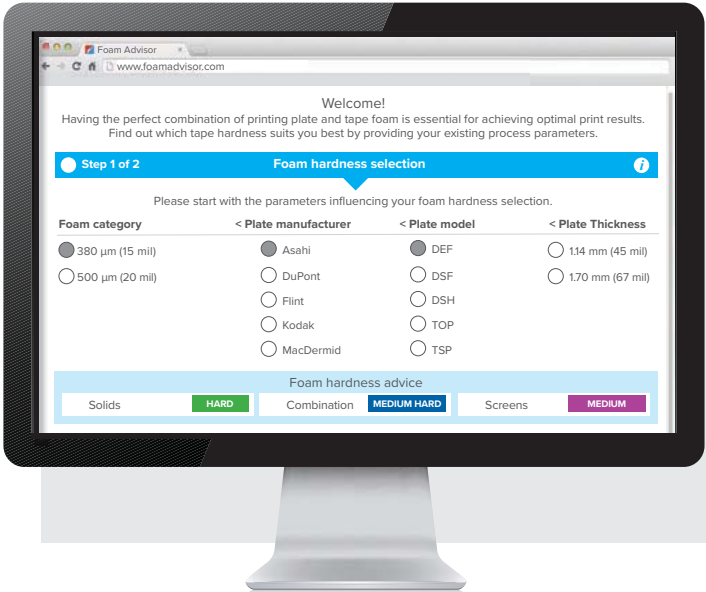
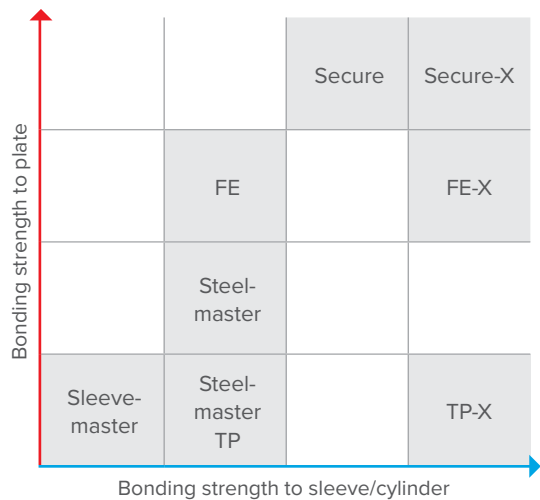
tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore tesa 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.

Narrow Web: tesa Softprint® 380 µm/15 mil

	X-Soft	Soft	Medium	Medium-Hard	Hard	Product color code
						Print motif
CLASSIC product design						
tesa Softprint® Steelmaster	tesa® 52018	tesa® 52017	tesa® 52016	tesa® 52015	tesa® 52014	
tesa Softprint® Steelmaster TP	tesa® 52118	tesa® 52117	tesa® 52116	tesa® 52115	tesa® 52114	
tesa Softprint® Secure	tesa® 52818	tesa® 52817	tesa® 52816	tesa® 52815	tesa® 52814	

How to choose the right product line

Depending on your process requirements, our Product Matrix and online Foam Advisor tool will support you in finding a suitable product line from our tesa Softprint® assortment.



For optimal print results, check out our website www.foamadvisor.com to choose the perfect combination of printing plate and tape foam that best suits your plate mounting needs.

SUPPORTING TIPS AND TOOLS FOR OPTIMUM PLATE MOUNTING

Cleaning



Process

All elements should be handled at room temperature – or at least at the same temperature.



Plate cleaning

Clean back of new or used plate: remove dust, grease, and any other contaminants using a suitable solvent.



Cylinder/sleeve cleaning

Clean as per manufacturer recommendations and wipe dry with clean cloth.

Mounting



Tape mounting

Apply the tape in a sweeping motion, line by line. Use a squeegee for best results.



Plate mounting

Only fix the plate to a narrow area of the tape. Avoid premature contact between plate and tape by using liner material.

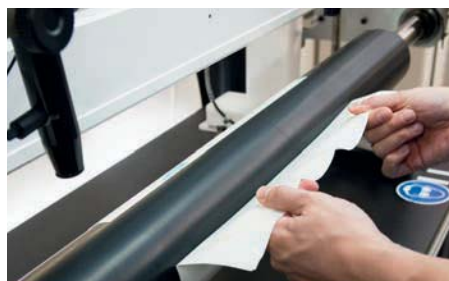


Mount plate with rubber roller, at least on the leading and trailing edges. This will yield a better bond than applying by hand.

Demounting



Plate

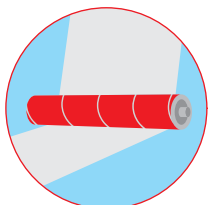


Tape

Plate and tape demounting

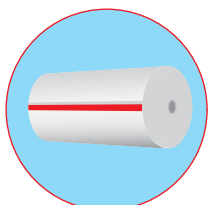
Remove plate first, then remove the tape slowly at a flat angle.

Our Complementary Products for Flexographic Printing



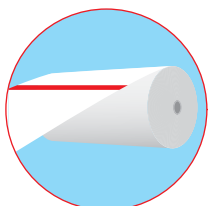
Roller wrapping tesa® 4863, tesa® 4563

tesa Printer's Friend® roller wrapping tapes offer outstanding "grip" and repel a variety of substances involved in the process (e.g. adhesives and inks).



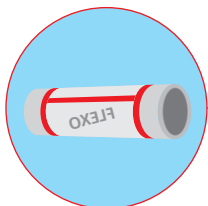
Flying splice for film materials tesa® 51910

tesa EasySplice® 51910 FilmLine PLUS enables manufacturers and processors of thin, high-slip films to save time and money by splicing at continuous production speeds.



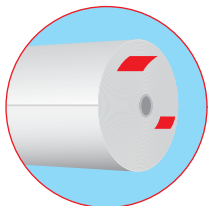
Zero-speed splice tesa® 4104, tesa® 4137

Sufficient adhesion and shear strength for the splicing of all materials, including alternatives for higher temperatures.



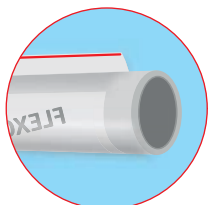
Edge sealing tesa® 4244 PV2, tesa® 4287

The adhesives stick on photopolymer plates and are subsequently easy to remove without leaving residues.



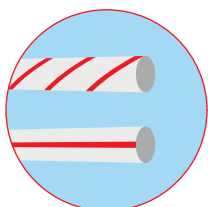
Failure flagging tesa® 4104

For marking material imperfections and print faults. This can be done separately due to a selection of available tape colors.



Adhesion promoter tesa® 60153

For additional bonding strength to plate edge, if needed.



Core starting tesa® 64621

Excellent adhesion properties to ensure the web is securely attached to the core.



Supportive tools

We also offer supportive tools, such as cleaning rollers and rubber rollers, to make several process steps easier and more efficient.



Our management system is certified according to the standards ISO 9001, ISO/TS 16949, and ISO 14001.