



Complete package for high quality label printing

tesa® self-adhesive tape assortment
for flexographic label printing

Comprehensive offering

Success in the label and package printing industry requires know-how, experience, and a well-balance of process parameters and materials. As a leading global manufacturer of adhesive solutions, we offer a wide range of specially developed tapes to meet the requirements within your production environment.

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 380 µm/15 mil category*

	X-Soft	Soft	Medium	Medium-Hard	Hard	Product color code
						Print motif
Classic product design						
tesa® Softprint STM	tesa® 52018	tesa® 52017	tesa® 52016	tesa® 52015	tesa® 52014	High tack adhesive for plate mounting in unclean and cold conditions. Secure bonding with excellent resistance to edge lifting.
tesa® Softprint STM-TP	tesa® 52118	tesa® 52117	tesa® 52116	tesa® 52115	tesa® 52114	Medium tack adhesive for reliable plate mounting under most conditions. Secure bonding with excellent resistance to edge lifting.
tesa® Softprint SEC	tesa® 52818	tesa® 52817	tesa® 52816	tesa® 52815	tesa® 52814	Low tack adhesive for easy and fast plate mounting in clean and standardized conditions. Secure bonding with excellent resistance to edge lifting.
Flex product design						
tesa® Softprint FE	tesa® 53418	tesa® 53417	tesa® 53416	tesa® 53415	tesa® 53414	Compensating product design for demanding sleeve/cylinder surfaces. Low tack adhesive for easy and fast plate mounting in clean and standardized conditions. Secure bonding with excellent resistance to edge lifting.

*also available: tesa® Softprint 500 µm/20 mil category

Steps for optimal plate mounting

Cleaning



Plate cleaning



Cylinder/sleeve cleaning

Mounting



Tape mounting



Plate mounting

Demounting



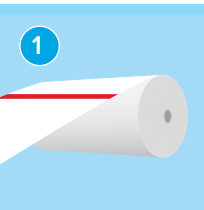
Plate demounting



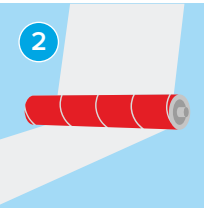
Tape demounting

Tape applications for your production process

During label and packaging printing many different parameters have an influence on the quality of the end product. With our high quality process tapes we supply the best possible solution to be successful in producing your required level of quality. Our broad assortment is developed based on your individual needs.



Splicing
To splice different label stock or other packaging materials we offer a comprehensive assortment of double-sided and single-sided splicing tapes.



Roller wrapping
tesa® Printer's friend tapes offer outstanding grip to process high-slip materials and repel a variety of substances involved in the process (e.g. adhesives and inks).

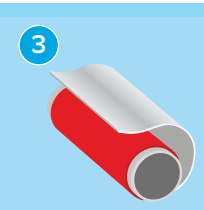
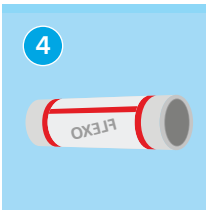



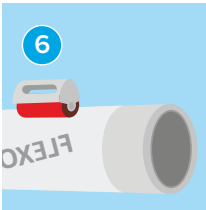
Plate mounting
Increasing demands on print quality and process efficiency call for specifically tailored plate mounting tapes. Our tesa® Softprint assortment provides distinctive product lines for flexo printers to fulfill each and every requirement.



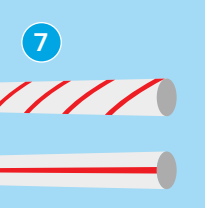
Edge sealing
Specific circumstances like older stiff plates or small cylinder diameters may require additional support against plate edge lifting.



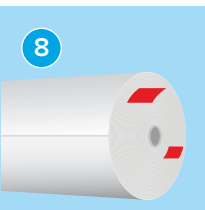
Adhesion promoter
For additional bonding strength to plate edge if needed.



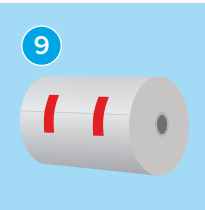
Supportive tools
We also offer supportive tools such as cleaning rollers and rubber rollers to make several process steps easier and more efficient.



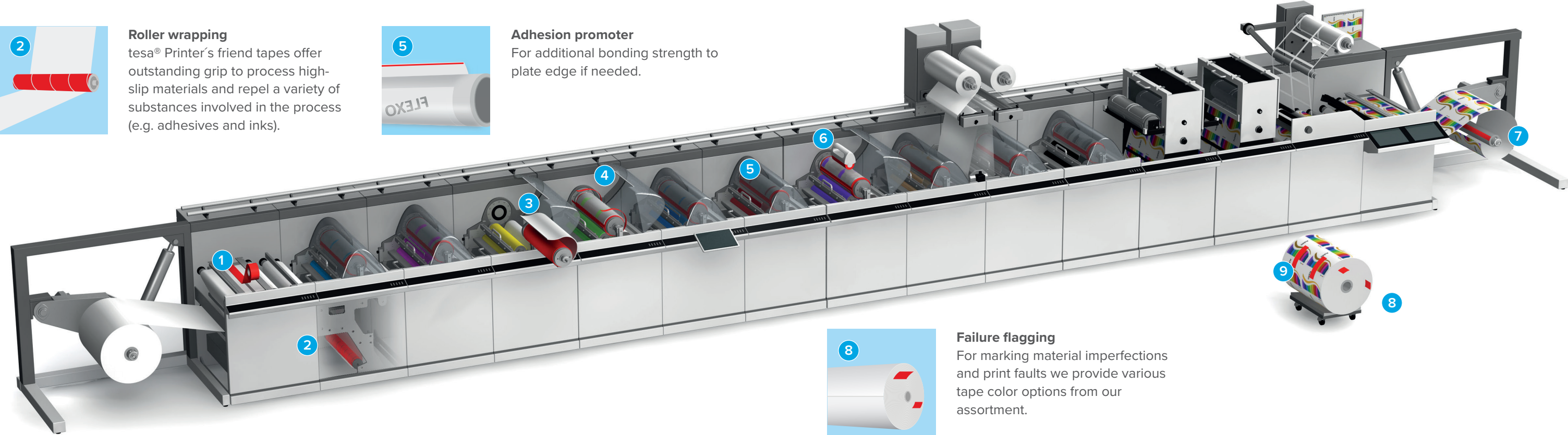
Core starting
For rough core surfaces, we provide several tapes with excellent adhesion properties to ensure the web is securely attached to the core.



Failure flagging
For marking material imperfections and print faults we provide various tape color options from our assortment.



End tabbing
To close converted reels for storage or later processing. Our tapes offer safe bonding on various substrates.



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.





Consult our online Foam Advisor for plate related foam advice.
www.tesa.com/foamadvisor

Our complementary products for flexographic printing

	Special feature	Thickness [µm/mil]	Adhesive	Backing	Color
Splicing					
tesa® 51904	d/s tape with high tack, high adhesion for flying splice	110/4	Synthetic rubber	Non-woven	
tesa® 64620	d/s tape with low tack, medium adhesion for flying splice	185/7	Synthetic rubber	PP	
tesa® 60404	s/s tape for butt splicing	67/3	Natural rubber	PVC	
tesa® 4122	s/s tape with high tear strength for butt splicing	88/3	Natural rubber	PVC	
tesa® 4137	s/s tape for butt splicing and inductive detection	50/2	Acrylic	PET	
Roller wrapping					
tesa® Printer's Friend 4863	Embossed surface	620/24	Natural rubber	Cloth	
tesa® Printer's Friend 4563	Smooth surface	380/15	Natural rubber	Cloth	
Edge sealing					
tesa® 4174	Flexible s/s tape	110/4	Natural rubber	PVC	
tesa® 60404	Rigid s/s tape	67/3	Natural rubber	PVC	
Core starting					
tesa® 60404	s/s tape for safe bonding on paper and PE cores	67/3	Natural rubber	PVC	
tesa® 51194*	Splittable d/s tape for flying splice labelling applications	120/5	Synthetic rubber/acrylic	Splittable paper	
tesa® 52307**	d/s tape for safe bonding and easy release	70/3	Acrylic	PVC	
Failure flagging					
tesa® 60404	Different colors to mark material imperfections	67/3	Natural rubber	PVC	
End tabbing					
tesa® 60404	Safe bonding on all kind of materials	67/3	Natural rubber	PVC	
Additional tools					
tesa® 52064	Plate cleaning				
tesa® 52065	Rubber roller				
tesa® 60153, 60152	Adhesion promoter: tesa® 60153 recommended for tesa® Softprint STM and tesa® Softprint TP tesa® 60152 recommended for tesa® Softprint SEC and tesa® Softprint FE				

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



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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