

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

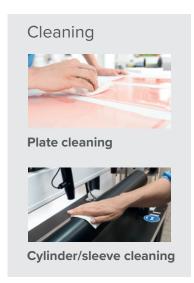
Plate mounting tapes have a critical influence on your process efficiency and print quality. Our tesa Softprint® assortment is supported by our smart tape production process – leaving all foam cells within the tape backing intact for better cushioning and resilience over time. Selecting the correct foam 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".

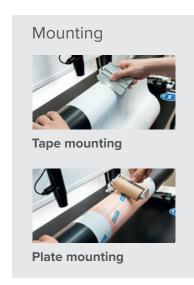
tesa Softprint® 380 μm / 15 mil category (thickness 430 μm / 17 mil)*

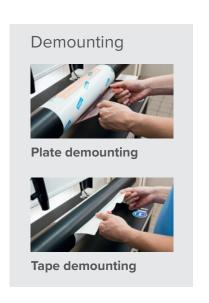
	X-Soft	Soft	Medium	Medium-Hard	Hard	Product color code			
		***************************************	******	***		Print motif			
Classic Product Design									
tesa Softprint®	tesa®	tesa®	tesa®	tesa®	tesa®	High tack adhesive for plate mounting in unclean and cold conditions. Secure bonding with excellent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

 $^{^*}$ also available: tesa Softprint 8 500 μm / 20 mil category (thickness 550 μm / 22 mil)

Steps for optimal plate mounting

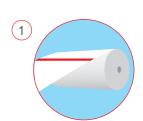






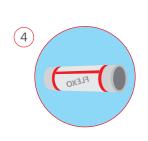
Tape applications for your production process

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.



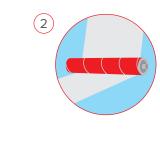
Edge sealing

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



Ink tray coverage

We make cleaning easier by covering all types of ink trays particularly, when special and difficult to clean inks are used.



oller wrapping

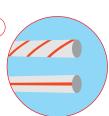
tesa Printer's friend® tapes offer outstanding grip to process highslip materials and repel a variety of substances involved in the process (e.g. adhesives and inks).



Adhesion promoter

For additional bonding strength to plate edge if needed.





Core starting

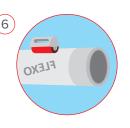
For rough core surfaces, we provide several tapes with excellent adhesion properties to ensure the web is securely attached to the core.



our technical support staff will be glad to support you.

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.



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

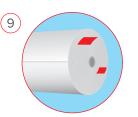
mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a

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,

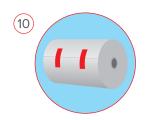
Supportive tools

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



Failure flagging

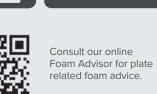
For marking material imperfections and print faults we provide various tape color options from our assortment.



End tabbing

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





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	0					
tesa® 4104	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	0					
tesa® 4137	s/s tape for butt splicing and inductive detection	50 / 2	Acrylic	PET	0					
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® 4104	Rigid s/s tape	67/3	Natural rubber	PVC						
Ink tray coverage										
tesa® 51136	Flexible maskings/s tape	105 / 4	Acrylic	PE	•					
Core starting										
tesa® 4104	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					1					
tesa® 4104	Different colors to mark material imperfections	67 / 3	Natural rubber	PVC	•••••					
End tabbing										
tesa® 4104	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	Adhesi	Adhesion promoter: tesa® 60153 recommended for tesa Softprint® STM and STM-TP, tesa® 60152 recommended for tesa Softprint® SEC and FE								

^{*}Dispensers are available







Our management system is certified according to the standards ISO 9001, ISO/TS 16949, and ISO 14001. All our products delivered to automotive customers are listed in the International Material Data System (IMDS).

tesa SE

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