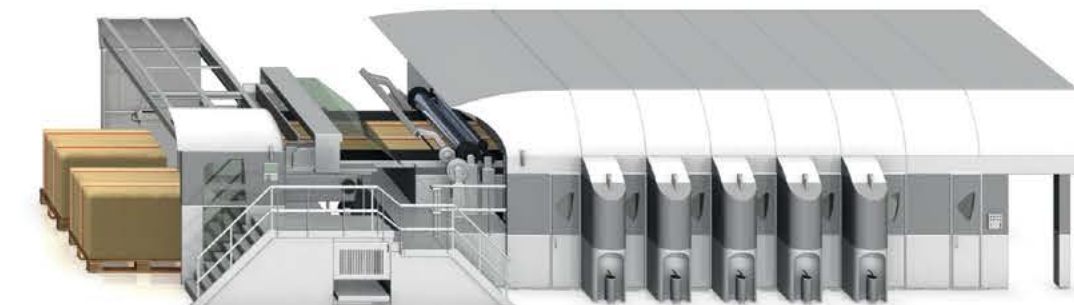


A middle-aged man with a shaved head, wearing a blue safety vest over a black polo shirt, stands in a factory. He is holding a large, thick roll of red tape. In the background, industrial machinery with several large rolls of red tape is visible. The scene is brightly lit, typical of a manufacturing environment.

Continuous efficiency for corrugated board production

Our Specialty Tapes for All Process and Design Requirements



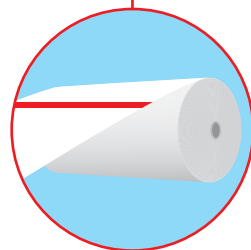
Full-range solutions provider

Our decades of experience as one of the world's leading manufacturers of self-adhesive tapes have resulted in a comprehensive product assortment. We at tesa also focus intently on our customers' processes, as we constantly strive to understand and solve process needs. Of particular importance to the corrugator industry is not only our dedicated team of tape experts, but also our support when it comes to in-line applicator solutions.

And that is what makes us "great to work with."

Splicing

To splice different paper grades of liner and flute, we offer a comprehensive assortment of double-sided splicing tapes. All ensure a fast splice preparation and offer high tack for secure splicing, as well as heat and shear resistance for a stable corrugated production process. Special adhesive formulas and high coating weights ensure highest performance and secure bonds, even to rough and demanding surfaces.



Applied in-line at the "dry end" of your corrugator production line, our self-adhesive specialty tapes for closing, opening, and reinforcing boxes offer highest production efficiency and process security, even at high production speeds.

Closing

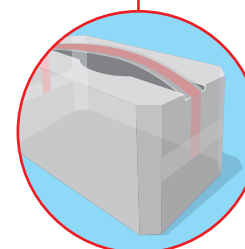
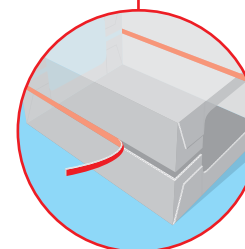
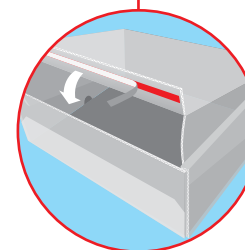
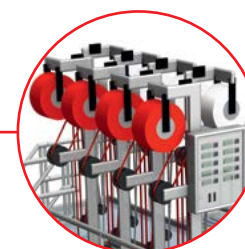
Secure closing of corrugated boxes is a matter of transport safety and premium appearance. Our assortment of double-sided tapes combines well-balanced adhesion properties with different types of tape backings and liner materials, which allows you to always find the perfect solution to your specific application and in-line process needs.

Opening

Increase user-friendliness, and therefore customer satisfaction, by adding our self-adhesive "tear tapes" to your corrugated packaging. Tapes can be applied in-line during production and offer excellent adhesion properties, as well as reliable performance during the opening of different grades of corrugated boxes.

Reinforcing

When needed, add extra strength to your packaging solutions with our assortment of reinforcement tapes. While reducing board thickness and weight, you can still increase maximum load and support critical areas like die-cut handles or hand holes.



Process Improvement in Every Roll

Complementary products

In addition to all of the above-mentioned most important self-adhesive tape applications in corrugated board production, we also offer a large assortment of complementary products. Our dedicated sales team will assist in choosing the most suitable tape for your process needs, whether it is for roller wrapping to provide extra "grip", for failure flagging, end tabbing, or general purpose tape applications, to only name a few.

Splicing

Product	Adhesion to paper	Temperature resistance	Liner	Total thickness [mil]	Backing	Adhesive
tesa® 50658	Brown paper	4.7	Non-woven	Acrylic
tesa® 50605	White paper	3.5	Non-woven	Acrylic
tesa® 68144	White paper	4.0	Non-woven	Acrylic
tesa® 4432	White paper	12.9	Flat paper	Natural rubber
tesa® 64432	Blue paper	11.8	Flat paper	Natural rubber

Closing

Product	Adhesion to paper	Temperature resistance	Available liner versions (dependent on machine speed)			
			Paper	Thick paper	Film (red)	Friction film
tesa® 6965	✓		✓	✓
tesa® 61970	✓	✓	✓	
tesa® 64624	✓	✓	✓	
tesa® 6190/91 Combitape			✓	

Opening

Product	Backing	Total thickness [mil]	Adhesive	Tensile strength [lbs/in]	Elongation at break [%]	Color	
						White	Red
tesa® 7496	MOPP	6.8	Natural rubber	257	35	✓	
tesa® 53499	MOPP	7.1	Synthetic rubber	257	35	✓	
tesa® 53494	MOPP	5.2	Synthetic rubber	197	25	✓	
tesa® 53490	MOPP	4.3	Synthetic rubber	131	30	✓	
tesa® 53488	MOPP	3.4	Synthetic rubber	123	32	✓	✓
tesa® 51344	Paper	8.7	Synthetic rubber	83	12	Kraft	

Reinforcing

Product	Backing	Total thickness [mil]	Adhesive	Tensile strength [lbs/in]	Elongation at break [%]	Tearing stop function
tesa® 50050	TPP	5.0	Synthetic rubber	228	25	
tesa® 50060	Cross filament	7.0	Synthetic rubber	131	20	✓
tesa® 50020	TPP	3.0	Natural rubber	102	40	
tesa® 51345	Paper	8.7	Synthetic rubber	83	12	

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.



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

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