



# Continuous efficiency for corrugated board production



Our specialty tapes for all process  
and design requirements

# A complete package for future-proof packaging

Our decades of experience as one of the world's leading manufacturers of self-adhesive tape have not only resulted in a comprehensive product assortment; we at tesa also focus very much on our customers' processes, their value chains, and we constantly strive to understand and solve process needs.

## Future-proof packaging solutions to us include:

- A comprehensive product assortment, constantly adapting to market needs
- A strong focus on more sustainable solutions
- Partnerships with tape applicator providers for efficient processes
- Close collaboration with design centers to assist in state-of-the-art packaging designs
- Exchanging with brand owners to support in enhancing brand appeal at end users

## Close cooperations

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**. We are in constant exchange with the producers of applicator systems, and when we develop a new product, we make sure it's thoroughly tested together with our applicator partners for smooth and high-speed processes at the corrugator line.



Unboxing experiences at end users are becoming more important, and that includes sustainability perception of a brand. We work together with brand owners and packaging design centers to collaboratively design the packaging solutions of tomorrow with a clear focus on highest quality and on supporting more sustainable packaging ideas.

## A focus on more sustainable solutions

Recyclability of packaging is essential. This can be achieved by 'mono-material packaging', avoiding the use of plastic material, which of course also applies to integrated self-adhesive tapes. At tesa, we want to increasingly use our expertise to develop products with a contribution to sustainability. Which is why we have developed a **next generation of corrugator design tapes** - the paper-based answer to a growing demand for recyclable tape solutions for opening, closing, and reinforcement applications.






## Our paper-based solutions tick the following boxes when it comes to more sustainable aspects:

- Paper backings from sustainably managed sources
- Solvent-free coating processes
- 100% recycled paper core
- Close cooperation with renowned institutes to test and certify that once a packaging is disposed of, our tapes can simply be recycled along with the packaging material


## Splicing

Product	Adhesion to paper	Temperature resistance	Backing	Adhesive	Liner	Total thickness [mil]
tesa® 4960	••	•••	Non-woven	Acrylic	Brown paper	3.9
tesa® 50605	••	••	Non-woven	Acrylic	White paper	3.5
tesa® 50607	•••	••	Non-woven	Acrylic	White paper	4.7
tesa® 50658	•••	••	Non-woven	Acrylic	Brown paper	4.7
tesa® 68144	••	••	Non-woven	Acrylic	White paper	3.9


## Closing

Product	Adhesion to paper	Temperature resistance	Backing	Adhesive	Available liner versions (dependent on machine speed)			
					Paper	Thick paper	Film (red)	Friction film
 tesa® 61346	•••	•	Paper	Synthetic rubber		✓		
tesa® 64624	•••	•	PP	Synthetic rubber	✓	✓	✓	
tesa® 61970	•••	••	PP	Acrylic	✓	✓	✓	
 tesa® 6965 Next Gen	••	•••	90% PCR PET	Biomass balanced acrylic	✓		✓	✓
 tesa® 6190 Combatape	••	•••	90% PCR PET	Biomass balanced acrylic			✓	

## Opening

Product	Total thickness [mil]	Backing	Adhesive	Tensile strength [N/cm]	Elongation at break [%]
 tesa® 53488	3.5	MOPP	High peel	200	35
tesa® 53490	4.1	MOPP	High peel	245	35
tesa® 53494	5.1	MOPP	High peel	310	35
tesa® 53499	7.1	MOPP	High peel	450	35
tesa® 51344	8.7	Paper	High peel	145	12

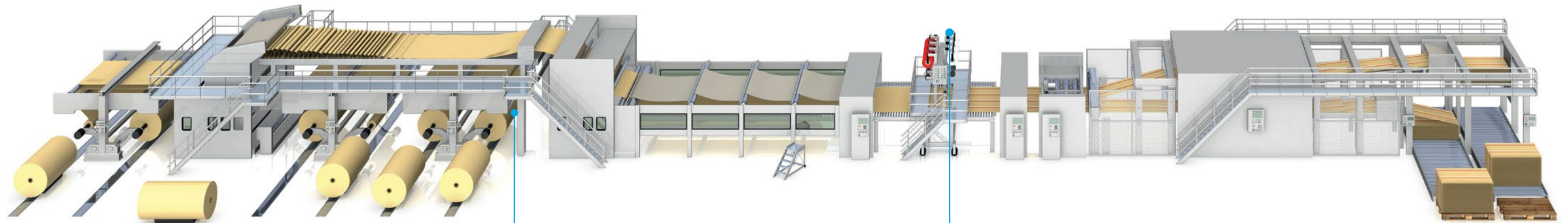
## Reinforcing

Product	Total thickness [mil]	Backing	Adhesive	Tensile strength [N/cm]	Elongation at break [%]	Cut-stop function
 tesa® 51345	8.7	Paper	Synthetic rubber	145	12	
tesa® 50050	4.9	MOPP	Synthetic rubber	400	25	
tesa® 50060	6.9	Cross filament	Synthetic rubber	230	20	✓
tesa® 50020	2.8	MOPP	Natural rubber	180	40	



This icon identifies our more sustainable products  
Scan this code or click to learn more!





## 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 on rough and demanding surfaces.



## Complementary products

Besides the here-mentioned main 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.

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.

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

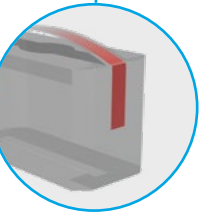
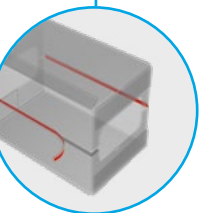
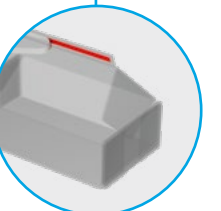
Secure closing of corrugated boxes is a matter of transport safety and premium appearance. Our assortment of double-sided tape combines well-balanced adhesion properties with different types of tape backings and liner materials, so you can always find the perfect solution to your specific application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

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





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## 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](http://www.tesa.com/certifications)

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ISO 9001:2008 Certified • ISO/TS 16949:2009 Certified • ISO 14001:2004 Certified + Cor 1:2009 Certified



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