A man in a blue t-shirt is working in a factory, holding a thin wire or string across a large roll of corrugated board. The roll has a red and blue striped pattern on its inner core. In the foreground, there is a stack of finished corrugated board sheets. The background shows a large industrial facility with overhead lights and structural beams.

Continuous efficiency for corrugated board production

Our specialty tapes for all process and
design requirements

A complete assortment for future-proof packaging

Based on our decades of experience as one of the world's leading manufacturer of self-adhesive tape, we offer a comprehensive product assortment. At tesa, we also focus on our customers and their value chains – constantly striving to understand process needs.

For us, future-proof packaging solutions include:

- A comprehensive product assortment, constantly adapting to market needs
- A strong focus on design for recycling that helps to achieve packaging sustainability goals
- 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 the enhancement of brand appeal at end users

Close cooperation

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. When we develop a new product, we make sure it's thoroughly tested together with our machine partners for smooth and high-speed processes at the corrugator line.



Unboxing experiences at end users are becoming more important. That includes sustainability perception of a brand. We work together with brand owners and packaging design centers to collaboratively develop the packaging solutions of tomorrow. Our clear focus is on delivering the highest quality and creating adhesive tape solutions that integrate seamlessly into attractive packaging designs. These solutions are classified as technically recyclable in a recycling mill with a conventional process.*

A focus on more sustainable solutions

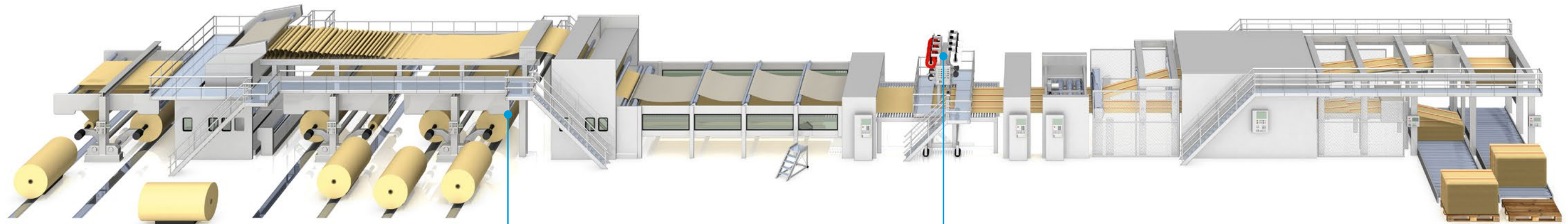
Recyclability of packaging is essential. This can be achieved by 'mono-material packaging', avoiding the use of filmic materials. This also applies to integrated self-adhesive tapes. At tesa, we aim to develop more sustainable adhesive solutions and products. That is why we have developed a **next generation 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:

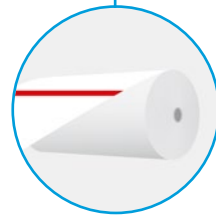
- Designed for recycling*
- Paper backings from sustainably managed sources
- Solvent-free coating processes
- 100% recycled paper cores

* Fibre-based packaging with our paper-based adhesive tape solutions (tesa® 51334, tesa® 51344, tesa® 51345 and tesa® 61346) is classified as technically recyclable in a recycling mill with conventional process (4evergreen alliance: 4evergreen Recyclability Evaluation Protocol Part I for fibre-based packaging, 4evergreenforum.eu)



Splicing

To splice different paper grades, we offer a comprehensive assortment of double-sided splicing tapes. All tapes offer fast splice preparation and high tack, combined with heat and shear resistance for secure and reliable splicing. 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, for roller wrapping, 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.

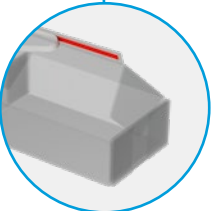
Corrugator design tapes

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



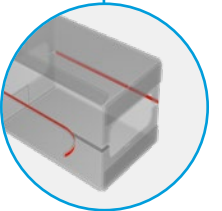
Closing

Secure closing of corrugated packaging 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. You can always find the perfect solution to your specific application and process needs.



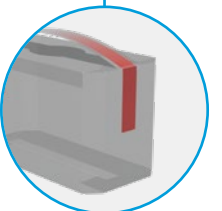
Opening

Increase user-friendliness and customer experience by adding our self-adhesive tear tapes to your corrugated packaging. Tapes can be applied in-line during production. They offer excellent adhesion properties and reliable performance during the opening of different grades of corrugated board materials.






Reinforcing





Add extra strength to your packaging solution when needed with our assortment of reinforcement tapes. By reducing board thickness and weight, you can still enhance maximum load capacity and reinforce critical areas such as die-cut handles and hand holes.




	Product	Adhesion to paper	Temperature resistance	Backing	Adhesive	Liner	Total thickness [µm]
	Splicing	tesa® 4960	••	•••	Non-woven	Acrylic	Brown paper
tesa® 50605		••	••	Non-woven	Acrylic	White paper	90
tesa® 50607		•••	••	Non-woven	Acrylic	White paper	120
tesa® 50658		•••	••	Non-woven	Acrylic	Brown paper	120
tesa® 68144		••	••	Non-woven	Acrylic	White paper	100

	Product	Adhesion to paper	Temperature resistance	Color	Backing	Adhesive	Liner			
							Paper	Film (red)	Friction (white)	Finger-lift
Closing	 tesa® 61346	•••	•	○	Paper	Synthetic rubber	✓			✓
	tesa® 64624	•••	•	⊗	PP	Synthetic rubber	✓	✓		✓
	tesa® 51970 PV8	•••	••	⊗	PP	Tackified acrylic			✓	✓
	tesa® 61970	•••	••	⊗	PP	Tackified acrylic	✓	✓		✓
	 tesa® 6965 Next Gen	••	•••	⊗	PET (90% PCR)	Tackified acrylic (biomass-balanced)	✓	✓		✓
	 tesa® 6190 Combitape	••	•••	⊗	PET (90% PCR)	Tackified acrylic (biomass-balanced)		✓		✓

• medium •• good ••• very good

	Product	Total thickness [µm]	Color	Backing	Adhesive	Tensile strength [N/cm]	Elongation at break [%]
	Opening	 tesa® 51334 PV0	180	●	Paper	Synthetic rubber	110
 tesa® 51334 PV1		160	○	Paper	Synthetic rubber	100	4
 tesa® 51344 PV0		220	●	Paper	Synthetic rubber	145	12
 tesa® 51344 PV1		200	○	Paper	Synthetic rubber	140	13
tesa® 51230		90	●○	Co-ex/MOPP	Synthetic rubber	165	25
tesa® 51235		111	●○	Co-ex/MOPP	Synthetic rubber	180	40
tesa® 53494		133	○	MOPP	Synthetic rubber	345	25

	Product	Total thickness [µm]	Color	Backing	Adhesive	Tensile strength [N/cm]	Elongation at break [%]	Cut-stop function
	Reinforcing	 tesa® 51345	220	●	Paper	Synthetic rubber	145	12
tesa® 50020 PV12		85	●	TPP	Synthetic rubber	190	35	
tesa® 50060		175	○	Cross filament	Synthetic rubber	230	20	✓



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





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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