



# PROCESS EFFICIENCY FOR LIQUID PACKAGING BOARD PRODUCTION

Our Specialty Tapes for All Process and Design Requirements

# BOOSTING YOUR PRODUCTIVITY WITH OUR EXPERTISE

Due to the composition of liquid packaging boards and strict industry standards, production properties significantly differ from other paperboard packaging materials. With more than 40 years of experience in the Paper & Print industry, we support board producers achieve the best quality results by developing tailor-made products for every step of the value chain.

Covering all applications in production from printing to splicing, slitting, and converting, we are able to help you optimize operations to the fullest and boost your productivity sustainably.

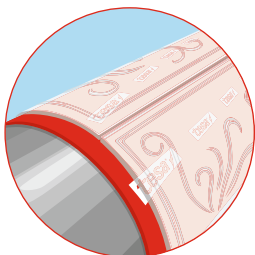


## Printing

### Plate Mounting

Our comprehensive assortment of plate mounting solutions consists of double-sided tapes with foam, film, or cloth backings and reusable self-adhesive sleeves.

- tesa® Softprint
- tesa® Twinlock
- tesaprint® film and cloth tapes



### Edge Sealing

Standard solutions sometimes need additional support to guarantee the best print results. With our solutions for edge sealing, you can increase your process security and efficiency.

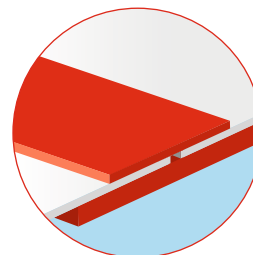
- tesa® 4104
- tesa® 4124



### Butt Splicing

To ensure reliable splicing processes, our tapes offer high shear resistance, prevent adhesive bleeding, and are designed for manual as well as automatic application.

- tesa® 64432
- tesa® 4432
- tesa® 4104



## Our Plate Mounting Assortment

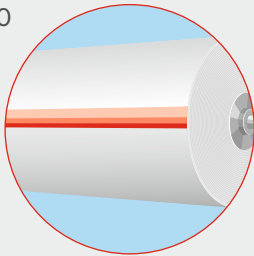
	<p>tesa® Twinlock self-adhesive sleeves</p>	<p>tesa® Twinlock is the reusable, self-adhesive, and compressible sleeve that provides consistency in high-quality printing. The unique concept of tesa® Twinlock is to provide sustainable and reusable plate mounting solutions for cost-efficient and consistent print jobs.</p>
	<p>tesa® Softprint foam tapes</p>	<p>Increasing demands on print quality combined with high levels of process efficiency call for specifically tailored plate mounting tapes. Our tesa® Softprint assortment provides distinctive product lines for flexo printers to fulfill any requirement.</p>
	<p>tesaprint® film and cloth tapes</p>	<p>As part of our comprehensive assortment of tesa® plate mounting tapes, we offer incompressible tapes with film or cloth backings, used whenever a cushion (through a foam tape) is not required.</p>

## Coating and Laminating

### Flying Splices

Our tesa® EasySplice solutions stand for top splice security at the highest speed. They make easy and time-saving splice preparation possible.

- tesa® 51918
- tesa® 51910

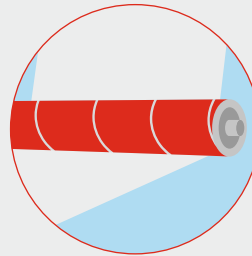


### Roller Wrapping

Smooth runs through the production process are enabled with our highly durable roller wrapping tapes.

- PTFE tapes:
- tesa® 4820
  - tesa® 4830

- Silicone tape:
- tesa® Printer's Friend 4863



### Belt Creation

We enhance process efficiencies by creating a PTFE belt with two single-sided tapes offering high temperature and abrasion resistance and proven extended durability.

- tesa® 4820
- tesa® 4830

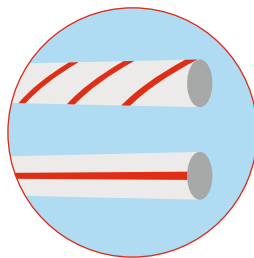


## Finishing

### Core Starting

For the different and often rough core surfaces, we provide tapes with high coating weight and tack to ensure immediate and reliable bonding.

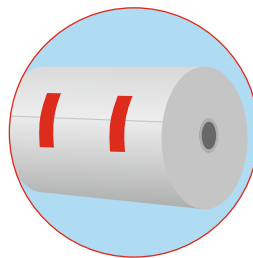
- tesa® 51194
- tesa® 51904
- tesa® 64620



### End Tabbing

Our end tabbing tapes offer high tack and durable backings to ensure secure transportation also under changing environmental conditions.

- tesa® 4104
- tesa® 4124



## Greater Efficiency Within Production Processes

### Your Benefits:



High Quality Products



Accelerate Production



Increase Efficiency

# OUR ASSORTMENT

Products	Application	Product image	Thickness [μm/mil]	Backing	Adhesive	Features
tesa® 4104	<ul style="list-style-type: none"> <li>Edge sealing</li> <li>Butt splicing</li> <li>End tabbing</li> </ul>		65 / 3	PVC film	Natural rubber	Easy residue-free removal, flexible, colored backing and reliable adhesion
tesa® 4124	<ul style="list-style-type: none"> <li>Edge sealing</li> <li>Core starting</li> <li>End tabbing</li> </ul>		65 / 3	PVC film	Natural rubber	Easy residue-free removal, flexible backing and reliable adhesion
tesa® 4432	<ul style="list-style-type: none"> <li>Butt splicing</li> </ul>		330 / 13	Paper	Natural rubber	Very strong splicing tape for high web tension, reliable bonding even on cold board and at high PE coating temperature
tesa® 64432	<ul style="list-style-type: none"> <li>Butt splicing</li> </ul>		300 / 12	Paper	Natural rubber	Very strong splicing tape for high web tension, reliable bonding even on cold board and at high PE coating temperature, colored for optical detection
tesa® 51918	<ul style="list-style-type: none"> <li>Flying splices</li> </ul>		105 / 4	PET film	Synthetic rubber	Reliable flying splices at high speed for high web tension, very high tack, colored for optical detection
tesa® 51910	<ul style="list-style-type: none"> <li>Flying splices</li> </ul>		120 / 5	Paper	Synthetic rubber	Reliable flying splices at high speed, hand-tearable and therefore very easy application
tesa® 4820	<ul style="list-style-type: none"> <li>Belt creation</li> <li>Roller wrapping</li> </ul>		100 / 4	Tensitized PTFE	Silicone	Long durability, no oozing, no residues, enhanced abrasion resistance, high temperature resistance
tesa® 4830	<ul style="list-style-type: none"> <li>Belt creation</li> <li>Roller wrapping</li> </ul>		160 / 6	Tensitized PTFE	Silicone	Long durability, no oozing, no residues, enhanced abrasion resistance, high temperature resistance
tesa® 4863	<ul style="list-style-type: none"> <li>Roller wrapping</li> </ul>		620 / 24	Silicone coated cloth	Natural rubber	Outstanding grip and traction, easy residue-free removal, temperature resistance
tesa® 51904	<ul style="list-style-type: none"> <li>Core starting</li> </ul>		110 / 4	Non-woven	Synthetic rubber	High tack properties for immediate bond at high speed, excellent adhesion on PE or PP
tesa® 51194	<ul style="list-style-type: none"> <li>Core starting</li> </ul>		170 / 7	Splittable paper	Synthetic rubber	Splittable core starting tape, excellent adhesion on PE and PP, smooth delamination
tesa® 64620	<ul style="list-style-type: none"> <li>Core starting</li> </ul>		185 / 7	PP film	Synthetic rubber	Excellent adhesion on PE and PP

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.

# OUR VALUE PROPOSITION – YOUR BENEFITS



## Expertise

Our dedicated team of more than 100 experts helps to improve overall efficiency by recommending solutions that optimize your existing set-up. Whenever you need technical support, we are happy to discuss specific product needs and testing requirements at our or your facilities.



## Innovation

Our specialized R&D engineers are focused on developing innovative and up-to-date adhesive solutions for today's industrial challenges.

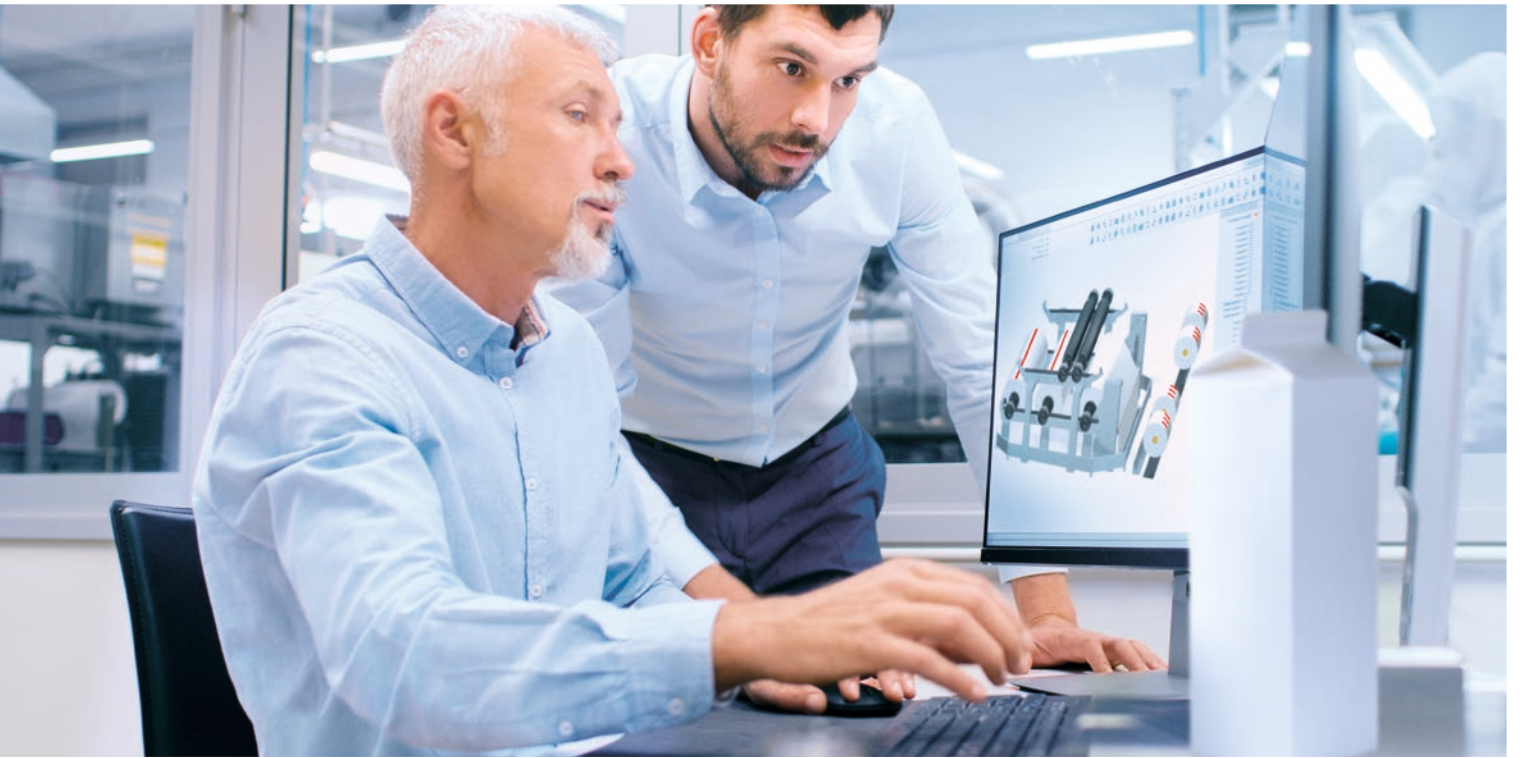


## Partnerships

With over 125 years of experience as a global supplier of adhesive solutions - we are your reliable partner for liquid packaging board production. We continuously strive to help you optimize your entire value chain and to shape a business relationship of trust and reliability.

## tesa® – A Global Partner





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