

tesa – optimize the whole printing process



tesa solutions for label printing

ASSORTMENT FOLDER – NARROW WEB



Process improvement in every roll

Today's labeling industry faces particular challenges, such as extremely rigorous requirements for images and intricate complexity of designs; as well as the need to process new materials. Quick changeovers due to the rising amount of short runs increase the time pressure on the shop floor.

Those who want to stay competitive in the highly dynamic label printing market need a reliable partner. With more than 20 years of experience in the flexo market, tesa continues to invest in the product development and people's qualification programs. Benefit from the consultancy, by our qualified staff, in optimal product choice and process improvement.



Print Quality

For optimum print quality, all process steps must be designed to work together in perfect harmony. Plate mounting tapes play a crucial role in ensuring that this is the case. Whether the job calls for demanding color separations in terms of combination printing, varying kinds of substrates or finest screen counts – the tesa specialized product line for flexographic printing offers tapes with the right foam hardness to ensure excellent print results.

Process Improvement

Efficiency is the key to profitability. Benefit from our skilled staff to offer solutions for the flexo printing industry. Process aids based on pressure-sensitive adhesive technology speed up changeovers, prevent machine stops and quicken maintenance tasks. Benefit from our globally active experts to find further solutions for the flexo printing industry.

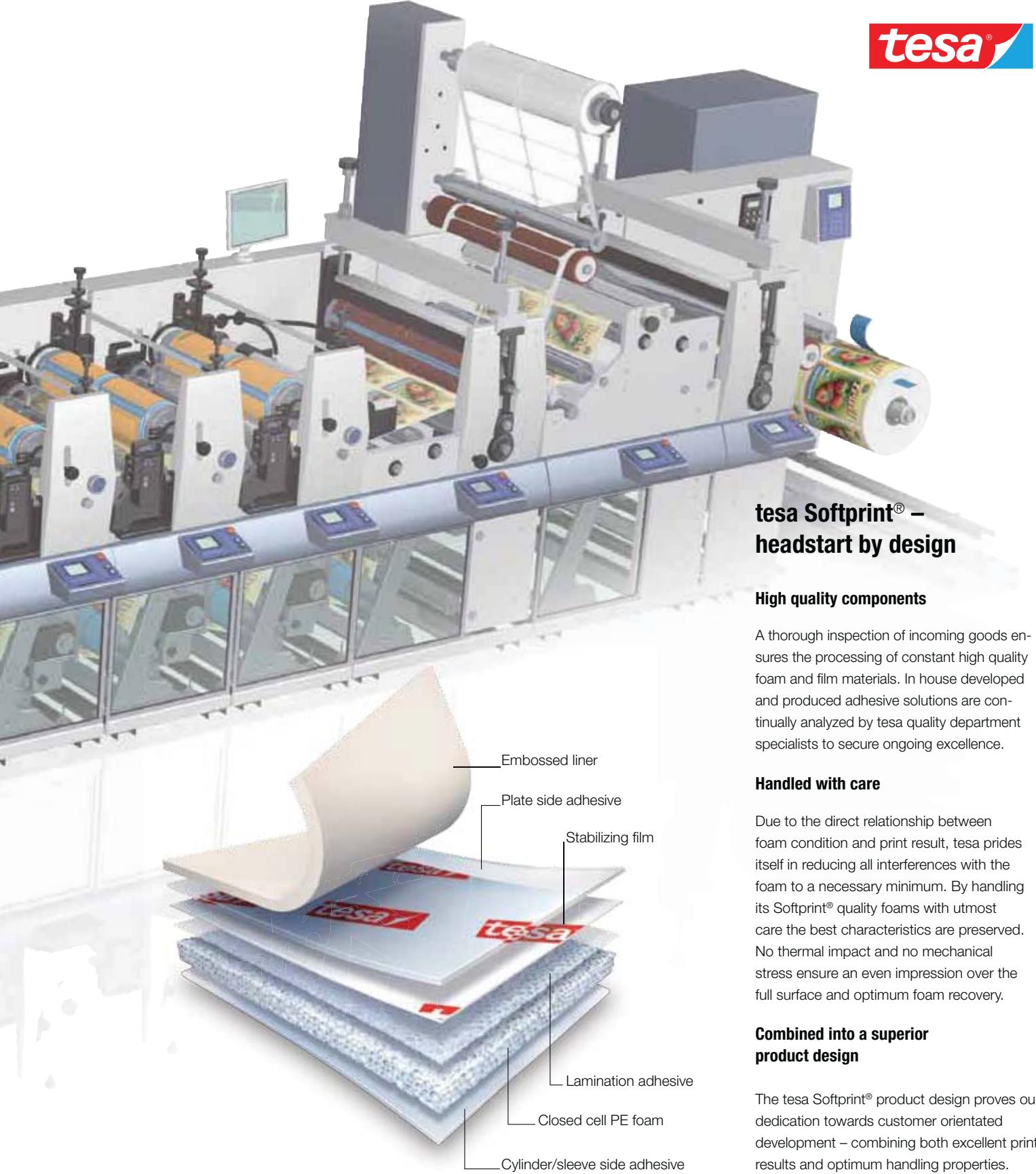
*Experience
the Difference!*



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tesa Softprint® – headstart by design

High quality components

A thorough inspection of incoming goods ensures the processing of constant high quality foam and film materials. In house developed and produced adhesive solutions are continually analyzed by tesa quality department specialists to secure ongoing excellence.

Handled with care

Due to the direct relationship between foam condition and print result, tesa prides itself in reducing all interferences with the foam to a necessary minimum. By handling its Softprint® quality foams with utmost care the best characteristics are preserved. No thermal impact and no mechanical stress ensure an even impression over the full surface and optimum foam recovery.

Combined into a superior product design

The tesa Softprint® product design proves our dedication towards customer orientated development – combining both excellent print results and optimum handling properties. Besides the specifically engineered adhesive solutions, tesa has included a stabilization film into all of its Softprint® products for best mounting, repositioning and demounting properties.

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tesa Softprint® – always a fitting solution

The tesa Softprint® range is a specialized assortment consisting of three individual foam hardness grades and two different adhesive systems to suit most any printing application.

tesa Softprint® foam

The tesa Softprint® plate mounting tape assortment offers several proven process benefits for today's flexo printers around the world. The wide and balanced range of different hardesses allows printers to select exactly the right impression that fits the requirements for each specific job and design.

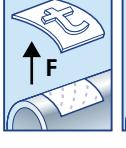
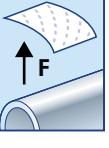
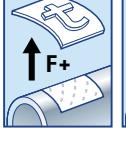
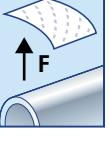
From the softest foam for the finest screens while reducing press bouncing stripes, up to the hardest foam for solids while avoiding pin holing and delivering a perfect solid area density.

tesa Softprint® adhesives

tesa offers flexo printers the opportunity to choose between different adhesive systems to guarantee optimal process efficiency during the mounting, printing and de-mounting processes.

Both ranges offer optimized adhesion to the cylinder side, ensuring easy tape mounting, repositioning and clean removal without leaving residues.

On the plate side, two different categories are available. Whether you focus on process security or quick prep time – tesa meets printer's demands with different levels of adhesive strength.

| tesa Softprint® assortment in 380 µm / 15 mil | | | | | |
|---|-------------|-------------|---|---|---|
| Products | | | Adhesive Properties | | |
| Hard | Soft | X-Soft | | | |
| tesa® 52115 | tesa® 52117 | tesa® 52118 |  |  | <ul style="list-style-type: none">Easy mounting, demounting and repositioning properties of foam and plateOptimized for the use of thin plates and short runs with quick change over |
| tesa® 52015 | tesa® 52017 | tesa® 52018 |  |  | <ul style="list-style-type: none">Easy mounting and de-mounting of foamStronger plate bond for secure hold down, even on minimal diameter sleeves or cylinders |

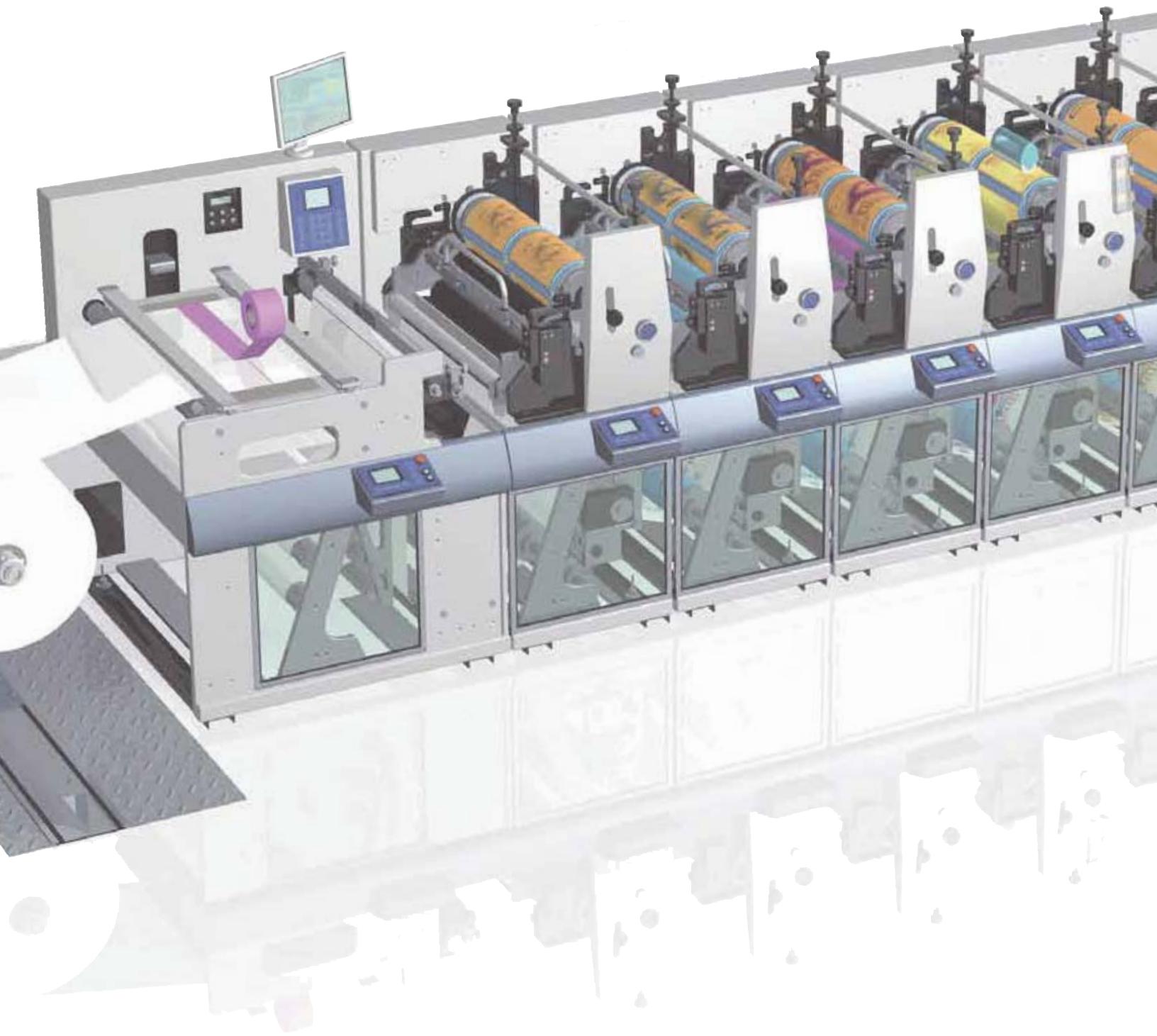


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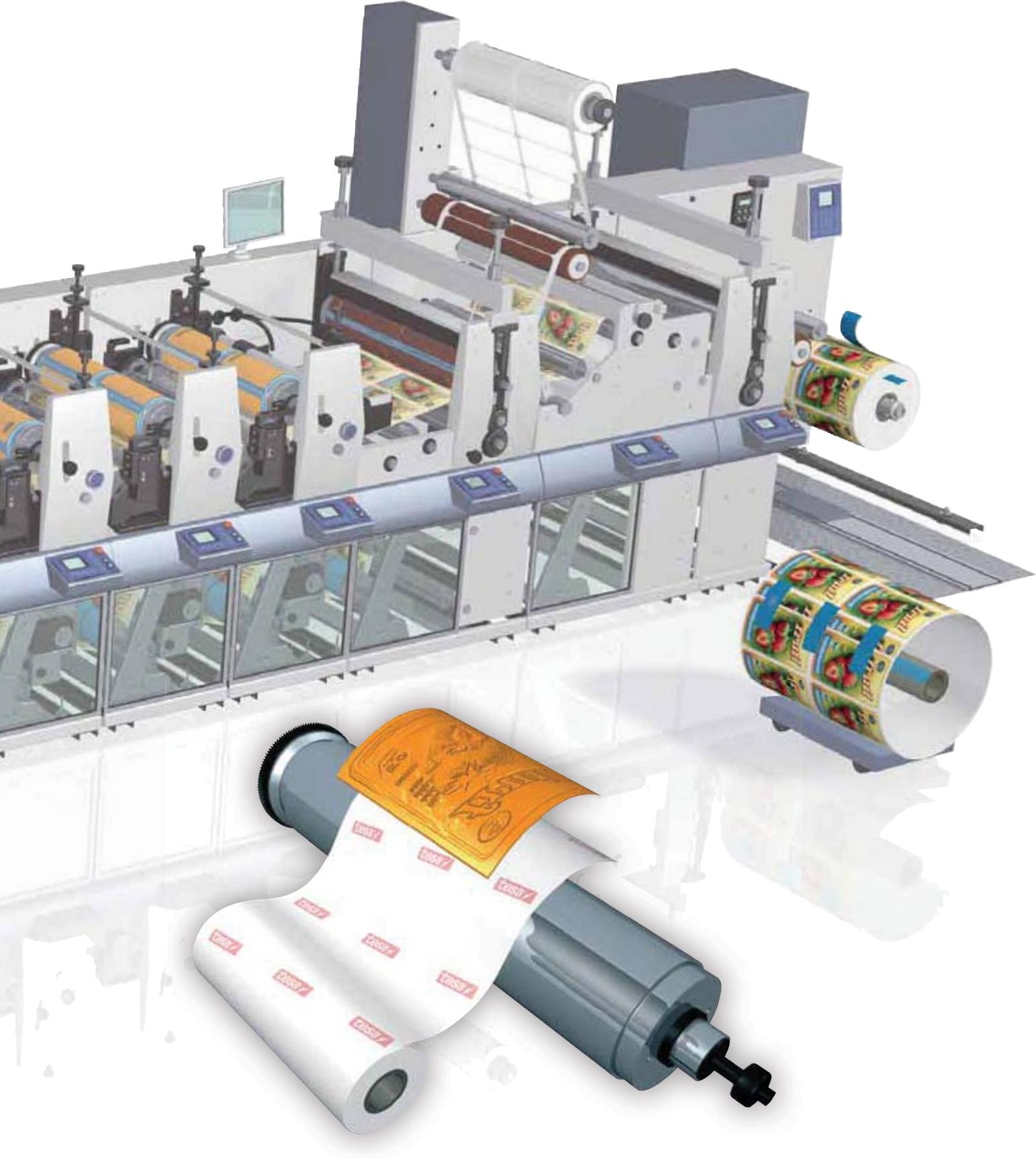
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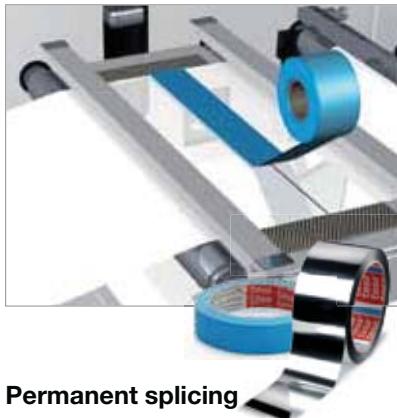


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tesa is offering more than plate mounting tapes ...



Permanent splicing

Preparation of butt splices without a liner. Sufficient adhesion and tensile strength for all materials, as well alternatives for higher temperatures.

tesa® 4104

tesa® 4137 (detectable and heat resistant)



Roller wrapping

For greater reliability and continuity in the print process. The adhesive allows easy removal, even after a prolonged period.

tesa® 4563 (smooth)

tesa® 4863 (embossed)



Edge sealing

The adhesive sticks on photopolymer plates and is subsequently easy to remove without leaving any residue.

tesa® 53016



Failure flagging

For marking defective points during the printing process. Available in different colors.

tesa® 4104



End tabbing

Close printed reels for storage; safe bonding on all substrates.

tesa® 4104



Core starting

Excellent adhesion properties to ensure the web is securely fixed to the core.

tesa® 4959



tesa - Professional Tape Technology

For over a century, tesa has pioneered the development of pressure-sensitive adhesive tape technologies. This rich tradition of innovation dates back to 1882 when the company's founder patented a method for manufacturing medical adhesive dressings. Today, the worldwide tesa enterprise services customers in over 100 countries around the globe and holds numerous product patents. At tesa, our charter is to provide our customers with service levels and applications expertise that go well beyond the roll of tape.



tesa products prove their impressive quality day in day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless, tesa tape, inc. can make no warranties, expressed or implied, including, but not limited to any implied warranty or merchantability or fitness for a particular purpose. The user, therefore, 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 advise you.

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For 50 years, A&V has supplied materials and equipment that are good for you and good for the environment.