



Repulpable tapes
for paper production
excellence

Trusted partner for all steps of the
paper production process

The right solution for every production step

We have been a partner to the paper industry for more than 40 years and have revolutionized splicing processes with the invention of tesa® EasySplice.

Our self-adhesive products are known and used globally and cover splicing, core starting, and end tabbing applications to optimize all steps of paper production processes.

For special challenges in the production of paper with an increasing use of calcium carbonate as a filler or coating pigment, we have developed tesa® CaRes tapes, featuring a calcium-resistant, fully repulpable, and permanent adhesive.

For heavier papers we offer tapes with a higher adhesive coating weight adapting well to rougher surfaces and higher reset forces. Especially thin thermal papers can be served with our range of products for specialty papers.

Our experienced technical experts in the field will be happy to recommend the right product solution for your individual challenge.

Based on market feedback, we continuously improve even the most established assortments - meet our 'Next Level' generation of splicing tapes for the paper production industry



New:
Next level adhesive on splitting strip offering excellent bonding performance even on critical paper substrates (still available in different opening levels)

High performance adhesive on contact side (unchanged)

tesa® EasySplice 'Next Level' in a nutshell:



Stronger

We succeeded in doubling the adhesion of our splitting strips without influencing the performance of the opening mechanism. This leads to a secure closing of reels even on critical and higher grammage paper substrates.



Stable

Our tesa® EasySplice 'Next Level' products follow in the steps of our trusted solutions that we have offered to customers in the paper industry for decades. We take highest splice security and most efficient processes as a matter of course, and have successfully introduced our new assortment at leading paper producers.



Supportive

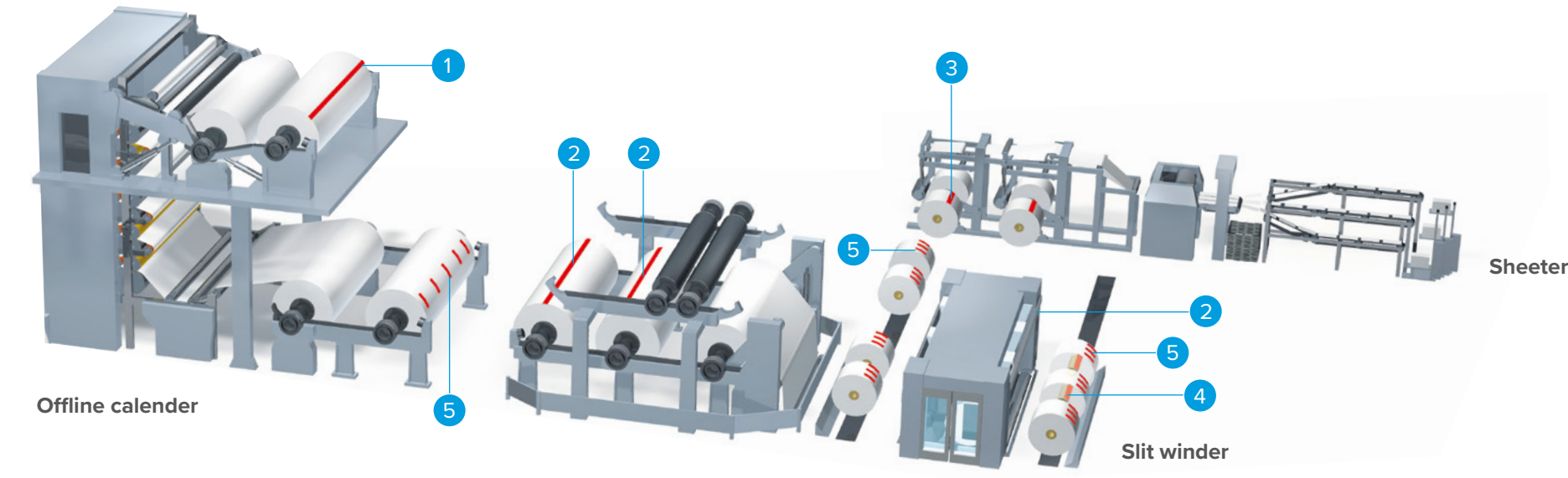
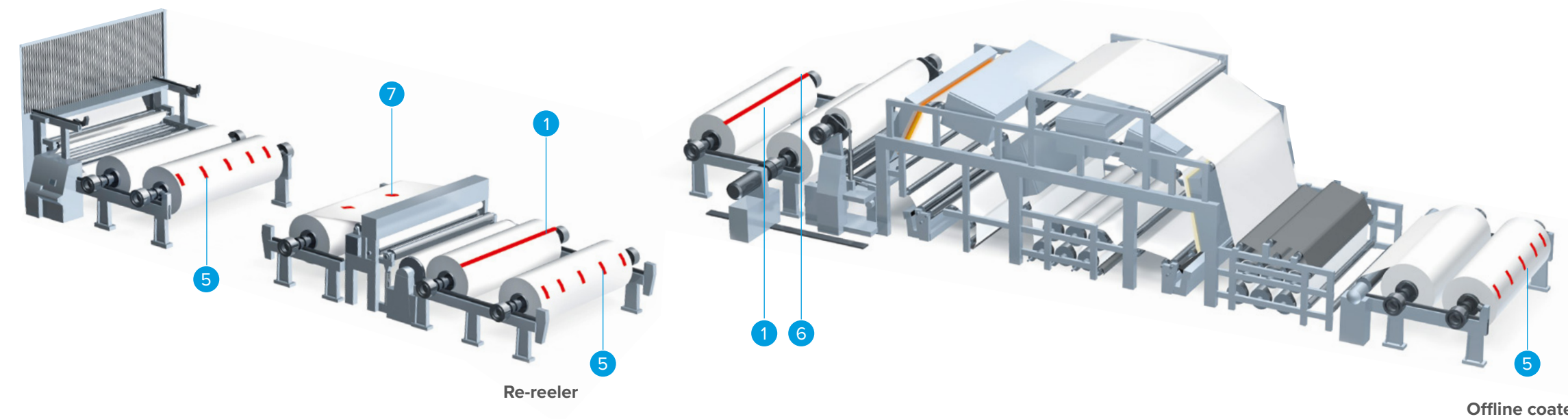
With our dedicated and well-trained sales force, we support you in finding the right solution for your specific needs. Our products are suitable for more specialized papers coming to the market and we offer to test your materials in our customer solution centers until a perfect match is found.

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.

Product	Suitable for	Backing	Color	Thickness [µm]	Special features	Shear and heat resistance	Tack
tesa® EasySplice tapes for flying splice							
tesa® 51150 PV0	High-speed coaters	Paper	Blue	100	High opening force, 'Next Level' adhesive	++	+++
tesa® 51150 PV1	High-speed coaters and critical papers	Paper	Blue	100	Medium opening force, 'Next Level' adhesive	++	+++
tesa® 61152	High-speed coaters, extra heat resistance	Paper	Blue	100	Medium opening force, 'Next Level' adhesive	+++	+++
tesa® 61170	Lower-speed winders and calenders	Paper	Blue	90	Low opening force, 'Next Level' adhesive	+++	+
tesa® double-sided repulpable tapes							
tesa® 51912	Permanent splices of rough and heavy papers	Tissue paper	Blue	90	CaRes ¹	+++	+
tesa® 51913	Permanent splices of most paper grades	Tissue paper	Blue	65	CaRes ¹	+++	+
tesa® 51914	Flying splice or core starting of most paper grades	Tissue paper	Blue or white	90	–	++	+++
tesa® 51917	Flying splice or core starting of rough and heavy papers	Tissue paper	Blue or white	115	–	++	+++
tesa® 61914 ²	Flying splice or core starting of thin papers	Tissue paper	Blue	75	–	++	++
tesa® double-sided repulpable tapes (specialties)							
tesa® 51190	Core starting or end tabbing of most paper grades	Splittable paper	Blue	130	Medium opening force, 'Next Level' adhesive	++	++
tesa® 51193	Core starting or end tabbing of heavy papers	Splittable paper	Blue	170	High opening force	+++	+++
tesa® 51915	Robotic application (core starting, end tabbing, or static splicing)	None	Blue	50	Transfer tape	++	+++
tesa® 51916	Robotic application (core starting, end tabbing, or static splicing)	None	Blue	50	Transfer tape	+++	++
tesa® single-sided repulpable tapes for butt splicing							
tesa® 51444	Light paper grades or as cover tape	Paper	Blue	50	CaRes ¹	+++	+
tesa® 51445	Most paper grades	Paper	Blue	80	CaRes ¹	+++	+
tesa® 61445	Optical splice detection	Paper	Black	80	CaRes ¹	+++	+
tesa® 51455	Easy application	Paper	Blue	80	Slit liner, CaRes ¹	+++	+
tesa® 51465	Fast and easy application	Paper	Blue	80	Slit liner with fixation, CaRes ¹ , 'Next Level' adhesive	+++	+
tesa® single-sided repulpable tapes for end tabbing							
tesa® 4441	Most paper grades	Creped paper	Light blue or white	140	Stretchable backing, no liner	+++	++
tesa® 4445	Heavy papers	Paper	Light blue	190	No liner	+++	++
tesa® 4446	Heavy papers and fluff pulp	Flat-back paper	White	165	No liner	+++	++
tesa® 4448	Standard paper grades	Paper	White	150	No liner	+++	+
tesa® 51446	Light papers	Paper	Light blue	105	No liner	+++	++
tesa® single-sided die cuts							
tesa® 54445	Hole patching of most paper grades	Paper	Blue	80	Die cut	+++	+
tesa® 54287	Top sheet fixing for most paper grades	Paper	Blue	80	CaRes ¹	+++	+

+++ Excellent ++ Very good + Good

The results were obtained under laboratory conditions. All tesa® tapes mentioned above are repulpable according to TAPPI UM 213 A. ¹ tesa® CaRes (Calcium Carbonate Resistant) tapes according to PTS test method 302/13 ² Non-repulpable liner



Applications

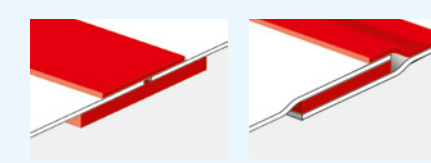
1 Flying splice



For more than 20 years, **tesa® EasySplice** has represented trusted splice performance even at highest speeds by providing easy and time saving preparation. Our tesa® EasySplice range has now been lifted to the next level by delivering even better results on modern papers with a stronger adhesive on the splitting strips.



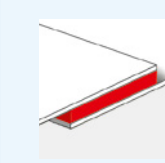
2 Permanent static splicing



Covered butt splice Single-covered overlapped splice

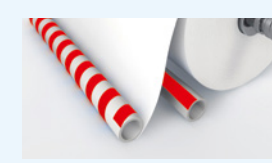
Paper reels containing splices might be used months after production. Our permanent splicing tapes with their calcium-carbonate resistant adhesive and high shear resistance are designed to ensure long-term permanent splices and to prevent adhesive bleeding, which can cause blocking of the paper layers.

3 Temporary static splicing



Static splices staying in the web only temporary, call for high tack.

4 Core starting



No matter what kind of core – rough or smooth – what application process – automatic or manual – we offer a suitable solution for how you want to apply the web to the core.

5 End tabbing

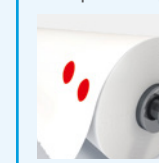


Our end tabbing tapes offer high tack and shear resistance as well as durable backings, to ensure secure transportation under changing environmental conditions.

6 Web feeding



7 Hole patching



Products



Speeding up processes



Certified performance (e.g. reputability)

tesa® EasySplice

tesa® EasySplice 51150 PV0 FastLine



For high splicing speeds and wide webs

tesa® EasySplice 51150 PV1 FastLine



With wide splitting strips for papers with special coatings

tesa® EasySplice 61152 CoaterLine Premium



For medium splicing speeds and wide webs

tesa® EasySplice 61170 CalenderLine Premium



Low thickness tape for nips with high pressure and a splitting strip with low opening force

tesa® 51917



Double-sided tape with highest coating weight and tack for rough papers

tesa® 51914



Double-sided tape with high coating weight for rough papers

tesa® 54287



Die cuts for top sheet fixing for traditional splice patterns

tesa® 51444



Butt splicing tape for lighter paper grades and to secure splices

tesa® 51445



Standard tape for butt splicing

tesa® 61445



Black butt splicing tape for optical detection

tesa® 51455



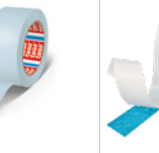
Standard tape for butt splicing featuring a slit liner for simplified application

tesa® EasySplice 51465 WinderLine



Featuring a slit liner and an additional splitting strip for simplified application

tesa® 4445



Butt splicing tape for heavier papers

tesa® 51912



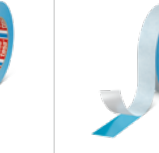
For overlapped splicing of heavy or rough papers

tesa® 51913



For overlapped splicing of standard papers

tesa® 51914



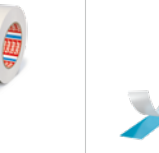
Very high tack, suitable for rough papers especially

tesa® 61914



High tack, suitable for most paper grades

tesa® 51917



Double-sided tape with highest coating weight and tack for rough cores

tesa® 51914



Double-sided tape with high coating weight for uneven cores

tesa® 61914



Double-sided tape for secure web fixing on different cores

tesa® 51190



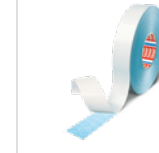
Splittable backing to prevent adhesive residues on reel cores

tesa® 51193



Splittable backing with high splitting force for heavy papers and board

tesa® 51915



Special high tack adhesive film without backing, mainly for automatic processes

tesa® 51916



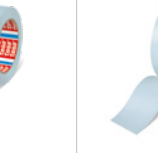
Shear-resistant adhesive film without backing, mainly for automatic processes

tesa® 4441



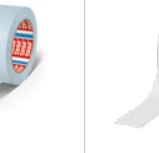
Micro-creped backing allows for easy application and dimensional compensation

tesa® 4445



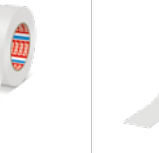
For heavy papers, demanding surfaces, and challenging storage conditions

tesa® 4446



For heavy papers and challenging storage conditions

tesa® 4448



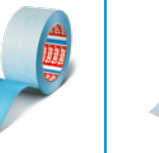
For sufficient bonding on paper-based substrates

tesa® 51446



For lightweight paper grades

tesa® 4445



Stiff but hand tearable backing for easy kite handling and reliable web guiding

tesa® 54445



Thin oval shaped die cuts to secure and patch holes in the web

Solutions for



Heavy paper and board
Secure bonding even on rougher surfaces



Graphic paper
Secure bonding on all kinds of substrates



Specialty paper
Thin tapes for unnoticeable splices



Tissue paper
No bleeding through layers

	tesa® 51150 PV0 FastLine	tesa® 51150 PV1 FastLine	tesa® 61152 CoaterLine Premium	tesa® 61170 CalenderLine Premium	tesa® 51917	tesa® 51914	tesa® 54287	tesa® 51444	tesa® 51445	tesa® 61445	tesa® 51455	tesa® EasySplice 51465 WinderLine	tesa® 4445	tesa® 51912	tesa® 51913	tesa® 51914	tesa® 61914	tesa® 51917	tesa® 51914	tesa® 61914	tesa® 51190	tesa® 51193	tesa® 51915	tesa® 51916	tesa® 4441	tesa® 4445	tesa® 4446	tesa® 4448	tesa® 51446	tesa® 4445	tesa® 54445
Heavy paper and board	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Graphic paper	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Specialty paper	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tissue paper		✓						✓	✓	✓							✓				✓			✓				✓	✓		



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

tesa SE
Phone: +49 40 88899 0
tesa.com/company/locations