



Next generation splicing of melamine impregnated papers

Increasing efficiency during paper processing for
melamine faced board production

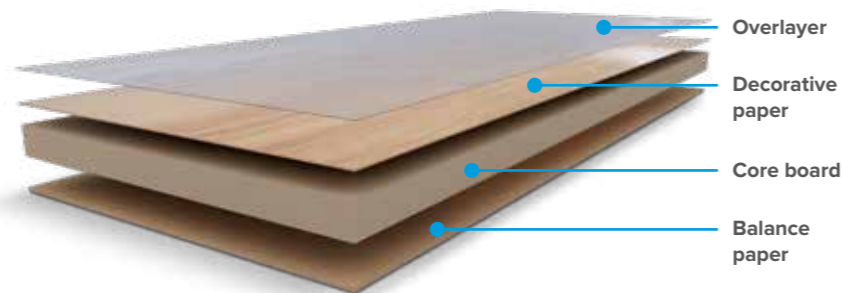
Tailor-made splicing for melamine impregnation lines

As world market leader for many splicing applications and with over 125 years of experience in coating technology and the production of self-adhesive system solutions, we have developed an in-depth understanding of our customers' processes and requirements. This allows us to offer high-level technical support and the ability to always choose or newly develop the right product for each individual application.

Decorative melamine faced boards are used in the furniture and flooring industry. They are made up of wood based panels covered by layers of paper material.

In case of laminate flooring this would typically be an overlay/wear layer, a decorative layer, and a balance paper layer. Depending on the layer and application, these papers are printed and impregnated with melamine resin.

While being processed through the impregnation line, papers - and applied splicing tapes - need to resist moisture and temperature.



Today, the demands that face splicing solutions are more challenging than ever: Different paper qualities, higher speeds, and the focus to increase output call for a new splicing tape generation. With our new, specially developed splicing tapes, we are able to tick all the boxes for more efficient processes:

Benefits of our new décor paper splicing tapes



One fits all
One tape for different paper qualities



Highest splice security ensures stable production and minimizes waste



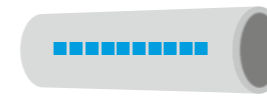
Time savings due to easy and fast job preparation



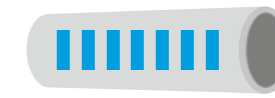
Resulting in **maximized overall process efficiency**



Product design



tesa® 54951 'premium' for easy and fast application: applied in one straight line, integrated segmented design



tesa® 51951 'classic' for manual tape application: applied in several individual strips of tape

Adhesive	Liner	Thickness [µm/mil]	Color	Temperature resistance	Tack	Shelf life	Transport and storage
Repulpable acrylic	Paper	105/4	Blue	220°C (430°F)	high	12 months	In original packaging at 15-30°C (59-86°F), 40-75% RH

Recommended splitting labels: tesa® 54242

How to apply tesa® 54951

Reel preparation



Ensure a straight paper edge for easy application.

Splitting labels application



Apply splitting labels in suitable distance over entire reel width.

Trim edges



To avoid damage to the web, trim the paper's edges on both sides.

Tape application



Apply the tape in a straight line, leave a gap of about one thumb's width to the edge of the roll.

Use a squeegee



Apply pressure to ensure excellent adhesion between tape and paper (best use a squeegee).

Remove the liner



Carefully remove the liner in the direction of the splitting labels. Ready to splice!



- Keep the tape in its original packaging until use
- Ensure a dry and clean surface prior to tape application
- Optimal application temperature: 15-40°C (59-104°F)

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