tesa EasySplice® Solutions for the Printing Industry

flyingsplice

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For over a decade, tesa EasySplice® has proven effective for flying splice in the printing and paper industry. Our newest generation of splicing tapes offers an even better performance due to its improved contact adhesive, combined with the most reliable product design and a tailored assortment for all paper grades and reel stands.

Improved Contact Adhesive

- Our newly designed “all-weather” adhesive remains largely unaffected by temperature and humidity variations in the environment. It always performs at the same high level, whether at very cold or very hot and humid temperatures.
- It offers 30% more tack than the market standard to create the most reliable contact between the new and expiring web during splicing.
- Due to its increased wetting the new adhesive bonds perfectly, even on critical papers.
- The new tesa EasySplice® family offers an 18-month shelf life (50% more durability compared to the market standard) without loss of performance.

Highly Reliable Product Design

Our new tesa EasySplice® generation offers market-proven product features:

1. The improved contact adhesive bonds perfectly onto the widest paper range.
2. The hand-tearable paper backing is also available with an optical or inductive detection feature.
3. Our splitting strip is designed to have a defined breaking point, with a stable opening force – independent from the width of the tape. It keeps the prepared reel closed for storage, transport, and acceleration, but also opens reliably during splicing.

Easy to Apply

1. The tape under the top layer of the paper roll. Then remove the upper part of the liner.
2. Tear off the excess paper, following the line of the remaining section of the liner.
3. Before accelerating the reel remove the lower part of the liner – this takes a matter of seconds.

Performance level

<table>
<thead>
<tr>
<th>Performance level</th>
<th>Adhesive ranking</th>
<th>Improved shelf life</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good</td>
<td>Market standard</td>
<td>All-new tesa® EasySplice</td>
</tr>
<tr>
<td>Better</td>
<td>Tack</td>
<td>Wetting</td>
</tr>
<tr>
<td>Best</td>
<td>All-new tesa® EasySplice</td>
<td></td>
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</tbody>
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Our 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, we can make no warranties, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether our product is fit for a particular purpose and suitable for the user’s method of application. If you are in any doubt, our technical staff will be glad to support you.
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Our New Core Assortment

Tailor-Made for Printers’ Needs

Our new tesa EasySplice® assortment is tailored individually to different printing environments, machines, and papers:

- Our tesa EasySplice® 51780 PrintLine Plus offers the improved contact adhesive (combined with a paper backing).
- The tesa EasySplice® 51780 Detect Plus combines the improved adhesive with an aluminized backing for inductive detection in press and post-press.
- Our tesa EasySplice® 51780 Black Plus offers the improved adhesive and a black-colored backing for optical splice detection.
- The new tesa EasySplice® 51680 Rotogravure Plus has a wavy design for splicing of very critical papers on wider webs, especially on gravure printers.

Different paper grades and reel stand types require a variety of opening forces:

- “Low” for belt-driven reel stands and splicing of thin or low-quality papers (product version PV12 and PV16).
- “Standard” for splicing of most paper grades (product version PV13).
- “High” for splicing of paper grades (product version PV16).

Splicing force

<table>
<thead>
<tr>
<th>Splicing force</th>
<th>Available paper grades</th>
<th>Opening forces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>Low, standard, high</td>
<td>Low, standard, high</td>
</tr>
<tr>
<td>Standard</td>
<td>Medium</td>
<td>Medium</td>
</tr>
<tr>
<td>High</td>
<td>Heavy paper grades</td>
<td>High</td>
</tr>
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</table>

Our Assortment at a Glance

Certified for paper recycling

Our tesa EasySplice® is certified for the de-inking process by the International Association of the De-inking Industry (INGEDE).
Our management system is certified according to the standards ISO 9001, ISO/TS 16949, and ISO 14001.