



Scotch™ "Built-in Sensor" Splittable Flying Splice Tape 9351

Product Data Sheet

September 2015
Supersedes: April 2012

Product Description

A double coated, splittable tape construction designed for straight line flying splices, furnished with repulpable acrylic adhesive on both sides and an easy release paper liner (also repulpable), with liner score for easy manual application and a built-in sensor layer (non-repulpable, eliminating need for the traditional aluminium sensor label on the splice pattern).

Key Features

- Built-in aluminium sensor within the tape construction eliminates the need for the traditional reflective label needed for splice detection.
- Good shear for both cold set newsprint, and heat set commercial printing processes, and are specifically designed for improved adhesion to a wide range of coated papers.
- A colour stabilized blue dye has been added to the splicing side adhesive to render the prepared splice pattern more visible after removing the liner just prior to splicing.
- Modified splittable layer to provide a slightly higher overall splitting force for improved splice reliability on core driven presses and higher speed processes
- Product can also be used on core driven presses.

Physical Properties

Adhesive Type Splicing side	Blue Repulpable on aluminium laminate	
Adhesive Type Reel side	Clear Repulpable	
Tape Colour	Blue (splicing side) White (tabbing side)	
Carrier	White splittable non-siliconised tissue/aluminium foil laminate	
Thickness (ASTM D-3652)	Before splitting	After splitting
Tape without liner	0.148 mm	Splice side 0.091 mm
Liner	0.063 mm	Reel side 0.056 mm
Total	0.211 mm	
Splittable Layer	cleavable layer, recessed 2 mm in from leading tape edge	
Release Liner	Silicon coated semi-bleached Kraft paper	

Bonding Strength	Good affinity to Cellulose Fibres
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Applications	<p>Designed for: Flying splice of paper webs in the printing industry</p> <p>Flying splice of paper webs in newsprint, offset litho, gravure and flexographic printing processes. The splittable layer has been modified to provide a slightly higher overall splitting force for improved splice reliability on core driven presses. Please use caution when using on belt driven presses.</p>
Storage	<p>3M™ Scotch™ Built-in Sensor Splittable Flying Splice Tape 9351 should be stored in the original carton at 18 - 25°C and 45 - 55 % Relative Humidity or refrigerated in the original carton for maximum shelf life.</p> <p>If the product is refrigerated, it should be allowed to warm to a temperature of at least 21°C before using.</p> <p>It is recommended that the protective liner be removed just prior to splicing, rather than leaving paper rolls with prepared splice patterns in storage without the protective liner.</p>
Shelf Life	12 months from date of manufacture by 3M when stored in the original carton
Precautionary Information	<p>Refer to product label and Material Safety Data Sheet for health and safety information before using the product.</p> <p>For information please contact your local 3M Office.</p> <p>www.3M.com</p>
For Additional Information	<p>To request additional product information or to arrange for sales assistance, please call your local sales representative.</p> <p>Address correspondence to: 3M</p>
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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

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