



# 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

<b>Adhesive Type Splicing side</b>	Blue Repulpable on aluminium laminate	
<b>Adhesive Type Reel side</b>	Clear Repulpable	
<b>Tape Colour</b>	Blue (splicing side) White (tabbing side)	
<b>Carrier</b>	White splittable non-siliconised tissue/aluminium foil laminate	
<b>Thickness (ASTM D-3652)</b>	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	
<b>Splittable Layer</b>	cleavable layer, recessed 2 mm in from leading tape edge	
<b>Release Liner</b>	Silicon coated semi-bleached Kraft paper	

<b>Bonding Strength</b>	Good affinity to Cellulose Fibres
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<b>Applications</b>	<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>
<b>Storage</b>	<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>
<b>Shelf Life</b>	12 months from date of manufacture by 3M when stored in the original carton
<b>Precautionary Information</b>	<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><a href="http://www.3M.com">www.3M.com</a></p>
<b>For Additional Information</b>	<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>
<b>Important Notice</b>	<p>All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method or application. All questions of liability relating to this product are governed by the terms of the sale subject, where applicable, to the prevailing law.</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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