Scotch™ Splittable Flying Splice Tape Repulpable R9999 for Off Machine Coaters

Preliminary Product Data Sheet

Feb. 2010
Supersedes: All

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.

Key Features

Splittable repulpable flying splice tape designed for splicing heavy papers on Off Machine Coaters- features a heavy but flexible backing with high cross direction tensile strength for flying splices on heavy board.

Construction

Adhesive Type Splicing side	Blue Repulpable	
Adhesive Type reel side	Clear Repulpable	
Tape Color	Blue (splicing side) White (tabbing side)	
Carrier	White splittable non-siliconised tissue	
Thickness (ASTM D-3652) Tape Liner Total	Before splitting 0.175 mm 0.060 mm 0,235 mm	After splitting Splice side 0.120 mm Reel side 0,055 mm
Splittable Layer	cleavable layer, recessed 2 mm in from leading tape edge	
Release Liner	Silicone coated semi-bleached Kraft paper	
Available roll widths	60 mm, 75 mm	
Available roll lengths	55 m	

Performance Characteristics

Repulpability *	Tape and Liner Completely *	
Bonding Strength	Excellent affinity to Cellulose Fibres	
Paper weight / speed**	Lower Paper Wt Test Limits 60 mm: 48 g, 700 m/min 75 mm: 40 g, 1500 m/min	Upper Paper Wt Test Limits 60 mm: 211 g, 310 m/min 75 mm: 240 g, 1250 m/min

Applications	Designed for: Flying splice of paper webs on the Off Machine Coater.
***Repulpability**	Repulpability is tested according to TAPPI UM 213, Procedure A. It is important to follow the weight and quantity measurement for fibre, splicing tape and water. Non-representative results can occur if test guidelines are not followed.
** **Paper weight / Speed**	Lower and upper limits of paper weight and splicing speed represent the limits of successful testing of this and other related constructions carried out during field trials on off machine coaters. The paper weight and splicing speed limits given do not imply that this product will not perform well on papers outside these limits. They are only an indication that testing has not been completed outside these limits. We recommend consultation with 3M technical service for processes involving paper weights and coater speeds outside the above-mentioned limits. Please note that thorough testing is necessary to ensure suitability of this product to the user's individual splicing conditions and requirements.
Storage	3M Scotch™ Splittable Flying Splice Tape Repulpable R9999 for Off Machine Coaters should be stored in the original carton at 21°C (70°F) & 50 % Relative Humidity …..or refrigerated in the original carton for maximum shelf life. If the product is refrigerated, it should be allowed to warm to a temperature of at least 21°C before using. 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.
Shelf Life	3M Scotch™ Splittable Flying Splice Tape Repulpable R9999 for Off Machine Coaters has a shelf life of e.g. 12 months from date of manufacture by 3M when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity.
Precautionary Information	Refer to product label and Material Safety Data Sheet for health and safety information before using the product. For information please contact your local 3M Office. www.3M.com
For Additional Information	To request additional product information or to arrange for sales assistance, please call your local sales representative. Address correspondence to: 3M
Important Notice	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

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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