



Scotch™ Splittable Flying Splice Tape Repulpable R9993 for Newsprint

Preliminary Product Data Sheet

February 2010
Supersedes: NEW

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 cold set newsprint

Construction

Adhesive Type Splicing side	Blue Repulpable	
Adhesive Type reel side	Clear Repulpable	
Tape Colour	Blue (splicing side) White (tabbing side)	
Carrier	White splittable non-siliconised tissue	
Thickness (ASTM D-3652) Tape Liner Total	Before splitting 0.125 mm 0.060 mm 0,185 mm	After splitting Splice side 0.070 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	

Performance Characteristics

Repulpability *	Tape and Liner Completely *	
Bonding Strength	Excellent affinity to Cellulose Fibres	
Paper weight / speed**	Lower Paper Wt Test Limits 37,5 mm: 40 g, 580 m/min 50 mm: 42 g, 750 m/min	Upper Paper Wt Test Limits 37,5 mm: 57 g, 560 m/min 50 mm: 80 g, 480 m/min

Applications	Designed for: <u>Flying splice</u> of paper webs in the printing industry
*Repulpability	Flying splice of paper webs in newsprint 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 core and belt driven presses or on other appropriate paper processing equipment. 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 press 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 R9993 for Newsprint should be stored in the original carton at 21°C (70°F) & 50 % Relative Humidityor 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 9993 for Newsprint 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.

3M Bulgaria

Mladost 4
Business Park, bl.4, 2nd floor
Sofia 1766
Bulgaria

3M Česko, spol. s r. o.

V Parku 2343/24
148 00 - Praha 4
Czech Republic

3M East AG

Branch Office Serbia
Airport City
Omladinskih brigada 90B
11070 Belgrade
Serbia

3M (East) AG

Branch Office Croatia
Avenija Većeslava Holjevca 40
10010 Zagreb
Croatia

3M (East) AG

Branch Office Slovenia
Cesta v Gorice 8
1000 Ljubljana
Slovenia

**3M (East) AG Representation
Office Tirane**

Rruga Sami Frasheri
Pallati i Ri Perxhola Kati 2 Ap2
1000 Albania

3M Hellas MEPE

20 Kifissias Ave.
15125 Maroussi
Athens
Greece

3M Hungária Kft

Neumann János u. 1/E.
1117 Budapest
Hungary

3M Israel

91 Medinat Hayehudim St.
Herzliya
Israel

3M Poland Sp. z o.o.

Aleja Katowicka 117 Kajetany
05-830 Nadarzyn
Poland

3M Romania

Bucharest Business Park
12 Menuetului St.
Building D, District 1
013713 Bucharest
Romania

3M Sanayi ve Ticaret A.Ş.

Barbaros Mah., Mor Sümbül Sok.
No:7/3F, 27-51, Nidakule Ataşehir
Güney
34746 Atasehir, Istanbul
Turkey

3M Slovensko s.r.o.

Polus Tower 2
Vajnorská 142
Bratislava 83104
Slovakia