



Butt Splicing Tape

9114

Technical Data

August, 1996

Product Description 3M Butt Splicing Tape 9114 is a single-coated blue repulpable splicing tape which is covered with a center slit repulpable paper liner, and additionally laminated with a single coated non-repulpable removable masking tape strip which can be used as a positioning aid on the paper roll.

Construction	Backing	Adhesive	Liner	Removable Strip	Color	Roll Length
	33 lb. Bleached kraft, repulpable, printable	Repulpable clear	Repulpable semi-bleached kraft paper with a one-side, easy-release treatment	Non-repulpable masking tape	Dark blue backing	60 yds.(55m)

Typical Physical Properties and Performance Characteristics

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Repulpability :	Tape-Completely* Liner-Completely* Removable Tape Strip – Not Repulpable
Tensile Strength:	Machine Direction – 22 lbs./in. (385 N/100 mm) Cross Direction – 13 lbs./in/ width (228 N/100 mm)
Tape Thickness:	4.5 mils (.11 mm) w/o liner and removable tape strip
Elongation at Break: (Cross Web)	5%
Bonding Strength:	Delaminates most papers.
Heat Resistance:	Excellent to 400°F (204 °C) web temperature

***Repulpability judged according to TAPPI UM-213, Procedure A. It is important to follow the weight and quantity measurements for the fiber, splicing tape and water. Non-representative results can occur if test guidelines are not followed.**

Application Conditions

- For optimum results, firm even rub down pressure must be applied to the taped area to create the best possible adhesion between the tape and paper surface. A plastic squeegee (3M PAI-B) or similar tool can help achieve the proper uniform pressure.

General Information

- Store in a clean, dry place at 70°F(21 °C) and 50% R.H. For best results, use within 18 months of date of manufacture.
- Water solubility and alkali dispersability are excellent and help prevent the contamination of paper mill broke with non-repulpable material.
- The kraft backing is untreated and readily accepts most inks and coatings.

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Application Ideas

- Permanent splices, finished mill splices made at the winders or slitter, combined with 9966 tape for splice applications

Features

- Innovative design for easy application
- High performance adhesive
- Excellent moisture stability
- Printable backing

Advantages

- Helps assure consistent positioning of the tape.
- Combines high initial adhesion with very good heat resistance to perform on most grades of paper.
- Stable adhesive under a variety of humidity and temperature conditions.
- Accepts most printing ink and/of coatings,

Benefits

- Easy and accurate splicing techniques.
 - Help save time and labor costs.
 - Good splices quickly, high strength splices. Performs through high temperature and pressure operations, including super-calendering and printing
 - Individual tape roll plastic packaging is not required.
 - Helps assure high quality printing and coating without flaking or print distortion (not possible with typical silicone-coated backings).
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For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550. Address correspondence to : 3M Industrial Tape and Specialties Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 612-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-2180.

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ISO 9002

This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



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