

Technical data sheet



Product: 914

Manufacturer: 3M DEUTSCHLAND GMBH

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3M™ REPULPABLE FORMS-SPLICING TAPE 914

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Repulpable Forms-Splicing Tape

914

Technical Data

March, 2014

Product Description 3M™ Repulpable Forms-Splicing Tape 914 is a specially engineered forms-splicing tape using a thin, release-coated semi-bleached kraft paper backing and a blue, high performance repulpable adhesive. The construction is skip-slit for easy separation.

Product Construction	Backing	Adhesive	Color	Standard Roll Length / Width
	Semi-bleached kraft paper with a one-side, easy-release treatment	Blue, repulpable	Off-white	33 m (36 yds.) / 5/16 in. (8 mm)

Typical Physical Properties

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

Repulpability:	Completely*
Tensile Strength:	Machine Direction – 53 lbs./in. (600 N/100 mm) Cross Direction – 24 lbs./in. (270 N/100 mm)
Tape Thickness:	3.6 mils (0.09 mm)
Bonding Strength:	Delaminates most papers
Heat Resistance:	Excellent to 400°F (204°C) web temperature**
Other:	Skip-slit for easy, neat forms separation

*Repulpability judged according to TAPPI UM-213, Procedure A..

**As tested in laboratory, however, heat resistance may depend on machine and web tensions, nature of paper surface, application pressure, etc. which are outside 3M control.

Application Techniques

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

General Information

- Packed in sealed plastic bags to help protect moisture content of unused tape.
- Repulpable in water.
- Not printable, but can be written on or marked with “spirit inks.”
- Functions well in splicing manifold business forms.

3M™ Repulpable Forms-Splicing Tape

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Key Attributes	Features	Advantages	Benefits
	<ul style="list-style-type: none">• Completely repulpable• Heat resistant adhesive• 5/16 in. (8 mm) wide• Skip-slit tape	<ul style="list-style-type: none">• No need to remove splices from waste• Avoids contamination of scrap• Withstands temperatures of heat-set, non-impact printers• Fits between most sprocket holes• Easy, neat forms separation	<ul style="list-style-type: none">• Helps save labor• Helps increase value of scrap paper• No splice slippage• Splices hold to the edge of paper but do not jam sprocket holes• Helps save time
Storage	Store under normal conditions of 70°F (21°C) and 50% R.H. in the sealed plastic bags until ready for immediate use.		
Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.		
Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.		
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ISO 9001:2008

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



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