

# 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

914

Key Attributes	Features	Advantages	Benefits
	<ul style="list-style-type: none"><li>• Completely repulpable</li></ul>	<ul style="list-style-type: none"><li>• No need to remove splices from waste</li><li>• Avoids contamination of scrap</li></ul>	<ul style="list-style-type: none"><li>• Helps save labor</li><li>• Helps increase value of scrap paper</li></ul>
	<ul style="list-style-type: none"><li>• Heat resistant adhesive</li></ul>	<ul style="list-style-type: none"><li>• Withstands temperatures of heat-set, non-impact printers</li></ul>	<ul style="list-style-type: none"><li>• No splice slippage</li></ul>
	<ul style="list-style-type: none"><li>• 5/16 in. (8 mm) wide</li></ul>	<ul style="list-style-type: none"><li>• Fits between most sprocket holes</li></ul>	<ul style="list-style-type: none"><li>• Splices hold to the edge of paper but do not jam sprocket holes</li></ul>
	<ul style="list-style-type: none"><li>• Skip-slit tape</li></ul>	<ul style="list-style-type: none"><li>• Easy, neat forms separation</li></ul>	<ul style="list-style-type: none"><li>• Helps save time</li></ul>

**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.

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ISO 9001:2008

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