

3M

Repulpable Single-Coated Splicing Tape 901

Technical Data

June 2017

Product Description 3M™ Repulpable Tape 901 is a semi-bleached kraft paper coated with a light green repulpable adhesive.

Product Construction	Backing	Adhesive	Liner	Color	Roll Length
	40 lb./3000 ft. ² (53 g/m ²) repulpable kraft	Light green repulpable	Translucent red plastic film (PVC) non-repulpable	White backing	55 m (60 yds)

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:	Tape – Completely* Liner – Not repulpable
Tensile Strength:	Machine direction – 30 lbs./in. Cross direction - 12 lbs./in.
Tape Thickness:	4.8 mils (0.12 mm) without liner
Bonding Strength:	Excellent affinity to cellulose fibers
Heat Resistance:	Excellent to 400°F (204°C) web temperature**

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

**As tested in laboratory, results may vary depending on machine and web tensions, nature of paper surface, application pressure, etc. which are outside of 3M control.

Features

- Sealed plastic bags assure product stability for consistent performance.
- Adhesion to paper increases after short dwell time.
- Tape repulpable in water.
- Tape backing is printable.
- Totally repulpable tape construction so no need to remove splice from waste and prevents contamination of paper mill broke by non-repulpable splice material to help save labor and increase value of scrap.
- Heat-resistant adhesive that reduces splice failure due to high drying oven temperatures to help save money by reducing down time.

3M™ Repulpable Single-Coated Splicing Tape

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Application Techniques	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 or similar tool can help achieve the proper uniform pressure.
Application Ideas	• Tape down leading or trailing end of paper on an overlap splice such as that required on a web safety splice. • Butt splice
Major Industries	• Paper mills and paper converters
Storage	Store in a clean, dry place at 70°F (21°C), and 50% relative humidity in the sealed plastic bags until ready for use.
Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.
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ISO 9001

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



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