



Repulpable Single-Coated Splicing Tape

901

Technical Data

March 2014

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

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 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 – Not repulpable
Tensile Strength:	Machine direction – 38 lbs./in. Cross direction - 16 lbs./in.
Tape Thickness:	4.3 mils (0.11 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..

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.

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.

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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

For best results, use within 18 months of date of manufacture.

Product Use

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ISO 9001:2000

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**Industrial Business
Industrial Adhesives and Tapes Division**

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (fax)
www.3M.com/industrial



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