

3M

Repulpable Single-Coated Splicing Tape

910

Technical Data

June 2017

Product Description 3M™ Repulpable Single-Coated Splicing Tape 910 is a single-coated repulpable construction using a release coated, semi-bleached kraft paper backing and a blue, high performance adhesive.

Product Construction	Backing	Adhesive	Color	Standard Roll Length
	Semi-bleached kraft paper with a one-side, easy-release treatment	Blue, repulpable	Off-white	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: Completely*
- Tensile Strength: Machine Direction – 51 lbs./in. (576 N/100 mm)
Cross Direction – 16 lbs./in. (180 N/100 mm)
- Tape Thickness: 3.7 mils (0.09 mm)
- Bonding Strength: Delaminates most papers (especially for LWC coating formulations, however, adheres well to many other papers too)
- 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**
- Water solubility and alkali dispersability are excellent and eliminate risk of contaminating the paper mill broke with non-repulpable materials.
 - All components of the adhesive and backing meet the requirements of indirect food additive regulations as described under 21 CFR 176.170 (Components of paper and paperboard in contact with aqueous and fatty food) and 21 CFR 176.180 (Components of paper and paperboard in contact with dry foods).
 - Packing in sealed plastic bags helps assure constant moisture content of unused tape.
 - Coatings and inks do not anchor to the backside of this 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.
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Application Ideas	<ul style="list-style-type: none">• Butt splicing coated and uncoated papers, and paper products. It has also performed well in many other finished splice applications, even with “alkaline coatings” and with stearate sizing.• Taping to the “lip” on safety splices and the “lip” and “tail” on perfect splices• Paster hold down tabs
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Storage	Store under normal conditions of 70°F (21°C) and 50% R.H. in the sealed plastic bags until ready for immediate use.
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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 9001:2000 standards.



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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