



Technical Data Sheet

3M™ Repulpable Single-Coated Splicing Tape 910



[Product Details](#)



[Regulatory Info/SDS](#)

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 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.

Technical Information Note

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

Typical Physical Properties

Attribute Name	Test Method	Value
Color		Off-White
Adhesive Type		Blue, repulpable
Backing		Semi-bleached kraft paper with a one-side, easy-release treatment
Total Tape Thickness	ASTM D3652	0.09 mm (3.7 mil)
Repulpability	TAPPI UM-213, Procedure A	Completely
Bond Strength		Delaminates most papers (especially for LWC coating formulations, however, adheres well to many other papers too).
Temperature Resistance		Excellent to 204 °C (Excellent to 400 °F) ¹

¹ Web temperature: 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.

Typical Performance Characteristics

Attribute Name	Value
Short Term Temperature Resistance	204 °C (400 °F) ¹

¹ Short Term (minutes, hour)

Handling/Application Information

Application Examples

- 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.

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.

Industry Specifications

21 CFR 176.170
21 CFR 176.180

Storage and Shelf Life

Store under normal conditions of 70°F (21°C) and 50% R.H. in the sealed plastic bags until ready for immediate use. To obtain best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	55 m (60 yd)

Information

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ISO Statement

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

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