



Repulpable Double-Coated Splicing Tape

900

FOD# 1494

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Technical Data

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Product Description A light-weight tissue coated on both sides with a blue, repulpable adhesive and furnished on a repulpable easy-release paper liner.

Construction	Adhesive	Liner	Roll Length
	Light blue repulpable	Repulpable, semi-bleached kraft with easy-release treatment	36 yds. (33 m)

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 – Completely*
Tape Thickness:	2.5 mils (0.064 mm) without liner
Bond Strength:	Delaminates most papers (including many 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. It is important to follow the weight and quantity measurements for the fiber, splicing tape and water. Non-representative results can occur if test guidelines are not followed.

Application Conditions

- 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 (3M PA1-B) or similar tool can help achieve the proper uniform pressure.

General Information

- This tape can be used for splicing of many LWC (Light-Weight-Coated) papers, particularly for coated gravure papers. It has also performed well in many other finished splice applications, even with “alkaline coatings” and with stearate sizing.
- Store in a clean, dry place at 70°F (21°C), and 50% relative humidity in the sealed plastic bags until ready for use. For best results, use within 18 months of date of manufacture.
- Packing in sealed plastic bags helps assure constant moisture content of unused tape.
- Water solubility and alkali dispersability are excellent and eliminate danger of contaminating the paper mill broke with non-repulpable material. (Poor quality paper and plugged Fourdrinier screens can be caused by non-repulpable, rubber-base splicing media.)

Application Ideas

- Overlap finished splices in a paper mill (especially on many papers with LWC and other new coating formulations).

Features

- High performance adhesive

- Complete repulpability

Advantages

- Combines high initial adhesion with very good heat resistance to perform on the difficult surface of “raw” LWC coatings

- Splices, tape and liner will not contaminate broke

Benefits

- Good splices quickly
- High-strength splices
- Performs through high temperature operations, including supercalendering and printing

- Helps save labor
- Helps increase value of scrap

Technical Information and Data

The technical information and data, recommendations, and other statements provided are based on tests or experience which 3M believes to be reliable, but the accuracy or completeness of such information is not guaranteed.

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