

# 3M

# Repulpable Double-Coated Splicing Tape 900

## Technical Data

June 2017

Product Description	3M™ Repulpable Double-Coated Splicing Tape 900 has a lightweight tissue coated on both sides with a blue, repulpable adhesive and furnished on a repulpable easy-release paper liner.
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Product Construction	Adhesive	Liner	Color	Standard Roll Length
	Repulpable	Repulpable, semi-bleached kraft with easy-release treatment	Light blue	33 m (36 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 – Completely*
Tape Thickness:	2.5 mils (0.06 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.

\*\*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

- Can be used for splicing of many LWC (lightweight 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.
- 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.)
- 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).

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## 900

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	<ul style="list-style-type: none"><li>• Overlap finished splices in a paper mill (especially on many papers with LWC and other new coating formulations).</li><li>• Transfer (pull through) splices in Supercalenders.</li></ul>
Storage	Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.
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.



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