



# Technical Data Sheet

## 3M™ Repulpable Double-Coated Splicing Tape 900



[Regulatory Info/SDS](#)

### **Product Description**

3M™ Repulpable Double-Coated Splicing Tape 900 has a light-weight tissue coated on both sides with a blue, repulpable adhesive and furnished on a repulpable easy-release paper liner.

### **Product Features**

- 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.
- 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).

### **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		Blue
Adhesive Type		Repulpable
Total Tape Thickness	ASTM D3652	0.09 mm (3.4 mil)
Repulpability	TAPPI UM-213, Procedure A	Tape - Completely Liner - Completely
Bond Strength		Delaminates most papers (including many LWC coating formulations, however adheres well to many other papers, too)
Temperature Resistance		Up to 204 °C (Up to 400 °F) <sup>1</sup>
Liner		Repulpable, semi-bleached kraft with easy-release treatment

<sup>1</sup> 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) <sup>1</sup>

<sup>1</sup> Short Term (minutes, hour)

## **Handling/Application Information**

### **Application Examples**

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

### **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.

## **Industry Specifications**

21 CFR 176.170  
21 CFR 176.180

## **Storage and Shelf Life**

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

## **Available Sizes**

<b>Attribute Name</b>	<b>Value</b>
Standard Roll Length	33 m (36 yd)

## **Information**

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## **ISO Statement**

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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