



# Repulpable Double-Coated Splicing Tape

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**Technical Data**

**August, 1995**

<b>Product Description</b>	A light-weight tissue coated on both sides with a light green repulpable adhesive													
<b>Construction</b>	<b>Adhesive</b>	<b>Liner</b>	<b>Color</b>	<b>Roll Length</b>										
	Light green repulpable	Translucent red plastic film (PVC) –non repulpable	Light green	36 yds. (33m)										
<b>Typical Physical Properties and Performance Characteristics</b>	<p><b>Note:</b> The following technical information and data should be considered representative or typical only and should not be used for specification purposes.</p> <hr/> <table> <tr> <td>Repulpability:</td> <td>Tape – Completely*</td> </tr> <tr> <td></td> <td>Liner – Not repulpable</td> </tr> <tr> <td>Tape Thickness:</td> <td>3 mils (.075 mm) without liner</td> </tr> <tr> <td>Bonding Strength:</td> <td>Excellent affinity to cellulose fibers</td> </tr> <tr> <td>Heat Resistance:</td> <td>Excellent to 400°C (204°C) web temperature</td> </tr> </table> <p>* 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.</p>				Repulpability:	Tape – Completely*		Liner – Not repulpable	Tape Thickness:	3 mils (.075 mm) without liner	Bonding Strength:	Excellent affinity to cellulose fibers	Heat Resistance:	Excellent to 400°C (204°C) web temperature
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<b>Application Conditions</b>	<ul style="list-style-type: none"> <li>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 PAI-B) or similar tool can help achieve the proper uniform pressure.</li> </ul>													
<b>General Information</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Packing in sealed plastic bags helps assure constant moisture content of unused tape.</li> <li>Adhesion to paper increases after short dwell time.</li> <li>Water solubility and alkali dispersability are excellent and eliminate risk of contaminating the paper mill broke with non-repulpable material.</li> <li>Bleeding can occur on light-weight porous. A suggested remedy is to cover both sides of the splice with powdered chalk or talc.</li> </ul>													

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## Application Ideas

- Static overlap and cellulosic materials.
- High temperature overlap splicing of many foils, plastic films, papers.

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## Features

- Repulpable adhesive
- High shear strength
- High temperature

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## Advantages

- Prevents broke contamination by non-repulpable splice material
- Reduces exposed adhesive caused by splice slippage as a result of high web tensions
- Can withstand high oven temperatures associated with web printing or polyethylene coating

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## Benefits

- Helps increase value of waste paper
  - Helps reduce web breakage caused by “blocking”
  - Helps reduce down time due to splice failure
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## For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-227-5085. Address correspondence to : 3M Industrial Tape and Specialties Division, 3M Center, Building 220-7E-01, St. Paul, MN 55144-1000. Our fax number is 612-733-5412. In Canada, phone: 1-519-451-2500. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-0400.

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**ISO 9002**

This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

# 3M

## Industrial Tape and Specialties Division

3M Center, Building 220-7E-01  
St. Paul, MN 55144-1000  
USA  
1 800.722.5463  
1 800.223.7427 Fax On Demand  
www.3M.com

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