



# Repulpable Flying Splice Tape

## 906

Technical Data

September, 1995

**Product Description** A light-weight tissue coated on both sides with a high tack, high shear strength, repulpable adhesive. The tape is furnished on a repulpable easy-release paper liner.

Construction	Adhesive	Liner	Roll Length
	High tack, repulpable	Silicone-coated, semi-bleached kraft paper	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:	3 mils (.075 mm) without liner
Bond Strength:	Delaminates most papers
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

**General Information**

- 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.
- 906 Tape virtually eliminates the “human” element from flying splice adhesive operations. There are no “drying times”, “correct mixtures”, “too soft”, “too wet”, etc. which can depend on operator performance or judgements.
- Water solubility and alkali dispersibility are excellent and eliminate danger of contaminating the paper mill broke with non-repulpable material. Poor quality paper and plugged Fourdrinier screens can often be caused by non-repulpable rubber base splicing media.
- Not recommended for finished roll splices or where oozing and bleeding may occur.

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## Application Ideas

- Flying splice at Off Machine Coater
- Splicing tape on Automatic Splicing Equipment
- Core starting

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## Major Industries

- Paper Mills
- Web printers, bag makers, etc.
- Paper Mills and printer converters

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### Features

- Improved adhesive formulation
- Totally repulpable construction
- Tissue reinforced

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### Advantages

- High adhesion - even to treated papers
- Strong splices
- No need to remove splice from waste
- Prevents broke contamination caused by non-repulpable splice material
- Smoother surface contact improves splice strength especially for many heavy weight papers

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### Benefits

- Helps save money
- Helps save labor
- Helps increase value of waste paper
- Helps increase splice success ratio

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## For Additional Information

To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550. 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: 1-800-364-3577. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-2180.

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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

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Recycled Paper  
40% pre-consumer  
10% post-consumer

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