

# Repulpable Flying Splice Tape

## 905

Technical Data

August, 1995

**Product Description** A repulpable high tack adhesive film furnished on an easy release paper liner.

Construction	Adhesive	Liner	Color	Roll Length
	High tack repulpable	Silicone coated brown kraft paper	Transparent adhesive	60 yds. (55 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 mils (0.05 mm) without liner

Bonding Strength: Delaminates most papers.

\*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 is can be effective in helping achieve the proper uniform pressure.

**General Information**

- Store in a clean, dry place at 70°F (21°C), and 50% relative humidity in the sealed bags until ready for use. For best results, use within one year of date of manufacture.
- Packing in sealed plastic bags helps protect constant moisture content of unused tape.
- For graphic arts industry to meet a thin caliper requirement.
- 905 tape virtually eliminates the “human element” from paper splicing operations. There are no “drying times,” “correct mixtures,” etc. to which the operator must adhere.
- Water solubility and alkali dispersability are excellent and eliminate risk of contaminating the paper mill “broke” with non-repulpable materials.
- Not recommended for finished roll splices or light weight porous papers where bleeding may occur.

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## Application Ideas

- Flying splice
- General overlap splice in printing industry
- Adhesive for “forms” attachment
- Attach paper webs to cores

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## Major Industries

- Graphic Arts – Paper Mills
- Business Forms
- Paper mills and printer conversion

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### Features

- Repulpable adhesive
- Thin film adhesive
- High initial adhesion

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### Advantages

- Helps increase waste value
- Thin splice functions readily in close tolerance equipment
- Immediate bond for flying splice

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### Benefits

- Helps minimize costly segregation procedures
- Helps reduce web breakage at nip roller
- Helps reduce set up time

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## For Additional Information

To request additional product information or to arrange for sales assistance, call 612-733-1441. Address correspondence to: 3M Industrial Tape and Specialties Division, 3M Center, Building 220-8E-04, St. Paul, MN 55133-3220. 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.

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