



## Technical Data Sheet

### 3M™ Repulpable Splittable Flying Splice Tapes R3389B



[Product Details](#)

#### **Product Description**

3M™ Repulpable Splittable Flying Splice Tape R3389B is a double sided splittable tape construction with an easy release split liner designed for straight line flying splices.

Repulpable Splittable Flying Splice Tape for wide range of paper weights in manual and automatic splicing equipment for high speed splicing conditions when high tack is required.

#### **Product Features**

- Simple easy application
- Tape separates easily and smoothly
- Fiber-Free splitting mechanism

#### **General Information**

- Engineered opening force for today's high speed coaters.
- Packed in sealed plastic bags helps assure constant moisture content of unused tape.
- Excellent water and alkali dispersibility eliminating the danger of contaminating the paper mill broke with non-repulpable material.
- Coatable and printable.
- Quick and easy application with no need for complex patterns and multiple tapes.

#### **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 Clear
Backing Color		Splicing side - blue Tabbing side - clear
Adhesive Type		Repulpable adhesive
Repulpability	TAPPI UM-213, Procedure A	Tape - Completely Liner - Completely
Backing		Repulpable paper
Temperature Resistance		204 °C (400 °F) <sup>1</sup>
Typical paper weight usage range		> 50 gsm (30 lbs/3000 sq ft) <sup>2</sup>

<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.

<sup>2</sup> Depends on paper grade.

Attribute Name	Test Method	Value
Total Tape Thickness	ASTM D3652	0.17 mm (7.3 mil)
Post - Split Splicing Tape Thickness		0.12 mm (5 mil)
Post - Split Tabbing Tape Thickness		0.05 mm (2.3 mil)
Liner		Easy-release Repulpable paper

Attribute Name	Test Method	Value
Liner Thickness		0.06 mm (2.5 mil)

## **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**

- Splittable flying splice tapes are ideal for Off Machine Coaters.
- Match speed splicing in paper converting operations.

### **Application Techniques**

- For optimum results, rub down tape with firm, even pressure to create the best possible adhesion between the tape and paper surface.
- Optimal application temperature range is: 40° to 100°F (4° to 38°C).

## **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 12 months from date of manufacture.

## **Available Sizes - Detailed**

50 mm x 55m (2 in x 60 yd)  
60 mm x 55m (23/8 in x 60 yd)  
75 mm x 55m (3 in x 60 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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