



Technical Data Sheet

3M™ Repulpable Splice System R3345

Product Description

3M™ Repulpable Splice System R3345 is a repulpable low profile double coated tape laminated with splittable bonding layer and has a low release split liner.

Product Features

- Thin profile for todays light weight coated (LWC) papers.
- High initial adhesion on many paper surfaces.
- Provides consistent and efficient butt splices.
- Quick and easy butt splices.
- For optimum results, firm even rub down pressure must be applied to the tape area to create the best possible adhesion between the tape and paper surface.
- Optimal application temperature range is: 70° to 100°F (21° to 38°C).
- Sealed plastic bags assure product stability for consistent performance.

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
Backing Color		Splicing side - blue Tabbing side - blue
Color		Blue
Adhesive Type		Repulpable adhesive
Repulpability	TAPPI UM-213, Procedure A	Completely ¹
Backing		Repulpable paper
Temperature Resistance		204 °C (400 °F) ²

¹ 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.

² 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.

Attribute Name	Test Method	Value
Total Tape Thickness	ASTM D3652	0.12 mm (4.8 mil)
Post - Split Tabbing Tape Thickness		0.05 mm (2.2 mil)
Post - Split Splicing Tape Thickness		0.06 mm (2.6 mil)
Liner		Easy-release coated repulpable paper
Liner Thickness		0.06 mm (2.4 mil)

Typical Performance Characteristics

Attribute Name	Value
Short Term Temperature Resistance	204 °C (400 °F) ¹

¹ Short Term (minutes, hour)

Handling/Application Information

Application Examples

- Butt splicing at re-reelers, supercalender and winders with appropriate 3M™ Repulpable Tape 9960.
- High shear / high temperature temporary splicing at supercalenders, winders and paper converters.
- Low slip adhesive suitable for supercalender transfer splices on LWC papers.
- Low speed flying splice tape for finishing equipment, such as supercalender and winders.

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.

Information

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ISO Statement

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