



# Repulpable Splice System

## R3345

### Technical Data

March, 2012

**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 Construction	Backing	Adhesive	Liner	Color
	Repulpable paper	Repulpable adhesive	Easy-release coated repulpable paper	Splicing side - blue Tabbing side - blue

**Typical Physical Properties** **Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

Repulpability:	Completely*
Tape Thickness:	4.8 mils (0.12 mm) without liner
Liner Thickness:	2.4 mils (0.08 mm)
Post-Split Splicing Tape Thickness:	2.6 mils (0.06 mm)
Post-Split Tabbing Tape Thickness:	2.2 mils (0.05 mm)
Temperature Use Range:	Up to 400°F (204°C)**

\*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.

\*\*As tested in laboratory, however, heat resistance may depend on machine and web tensions, nature of paper surface, application pressure, etc. which are outside 3M control.

### Features

- Thin profile for today's 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.

### Application Ideas

- 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.

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<b>Storage</b>	Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original packaging.
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<b>Shelf Life</b>	To obtain best performance, use this product within 12 months from date of manufacture.
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<b>Technical Information</b>	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
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<b>Product Use</b>	Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.
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**ISO 9001:2008**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



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