



# Repulpable Flying Splice System

## R5348

Technical Data

August, 2010

**Product Description** 3M™ Repulpable Flying Splice System R5348 is a repulpable double coated tape laminate with easy-release split liners.

**Product Construction**

Backing	Adhesive	Liner	Color	Available Roll Sizes Roll Length
Repulpable paper	Repulpable adhesive	Easy-release coated repulpable paper	Splicing side - blue Tabbing side - clear	37.5mm x 33m (1 1/2" x 36 yds.) 50mm x 33m (2" x 36 yds.) 50mm x 50m (2" x 54 yds.)

**Typical Physical Properties**

**Note: The following technical information and data is based on limited 3M testing conditions and should not be used for specification purposes.**

Repulpability:	Completely*
Tape Thickness:	5.0 mils (0.11 mm) without liner
Liner Thickness:	3.1 mils (0.08 mm)
Post-Split Splicing Tape Thickness:	2.5 mils (0.06 mm)
Post-Split Tabbing Tape Thickness:	2.2 mils (0.05 mm)

\*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.

**Features**

- Coatable and printable.
- High initial adhesion to newsprint, groundwood, paper, and other uncoated sheets.
- Quick and easy splices.
- Optimal application temperature range is: 70° to 100°F (21° to 38°C).
- Sealed plastic bags assure product stability for consistent performance.
- 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.
- No need for complex patterns and multiple tapes.
- Can save money by having a more consistent and efficient splice.
- Quick and easy application in four simple steps.
- High bond area to paper surface.
- Enables a smooth splice transition.
- Reduce likelihood of interruptions to subsequent processing operations.

# 3M™ Repulpable Flying Splice System

R5348

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- Special Features**
- Easy release and clean separations without delaminating or splitting papers.
  - Engineered opening force for today's high speed presses.
  - Ideal for off-line splice preparations and subsequent roll storage.

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- Application Ideas**
- Splittable flying splice tape for newspaper printing operations.
  - Ideal for newspaper and rotogravure printing where PSA tapes are desired over glue.
  - Splittable flying splice in printing applications, including high speed commercial printing.
  - Flying splice for cold paper stock 40°F (4°C), near freezing temperature.

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**Storage** 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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**Shelf Life** To obtain best performance, use this product within 12 months from date of manufacture.

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**Technical Information** 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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**ISO 9001:2000**

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