



Repulpable Splittable Flying Splice Tapes

R5348, R7359 and R7369

Technical Data

April, 2013

Product Description 3M™ Repulpable Splittable Flying Splice Tapes R5348, R7359 and 7369 are repulpable double coated tapes laminated with easy-release split liners.

Product	Description	paper weight usage range*	web temperature usage range**
R5348	Recommended for use with light to medium weight papers running through medium temperature ovens.	20-60 lb or higher	up to 350°F
R7359	Recommended for use with light to heavy weight papers running at high speeds and high temperatures.	30-80+ lb	up to 400°F
R7369	Recommended for use with light to heavy weight papers on wide web rolls to help compensate for roll profile variations running at high speeds and high temperatures.	30+ lb	up to 400°F

*Depends on paper grade

**Depending on web speed and tension

Product Construction

	Backing	Adhesive	Liner	Color	Available Roll Sizes Roll Length
R5348	Repulpable paper	Repulpable adhesive	Easy-release coated repulpable paper	Splicing side - blue Tabbing side - clear	37.5mm x 33m (1½" x 36 yds.) 50mm x 33m (2" x 36 yds.) 50mm x 50m (2" x 55 yds.)
R7359 R7369	Repulpable paper	Repulpable adhesive	Easy-release coated repulpable paper	Splicing side - green Tabbing side - clear	50mm x 50m (2" x 55 yds.)

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.

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Repulpability*:	Yes	Yes	Yes
Tape Thickness:	5.0 mils (0.11 mm) without liner	6.6 mils (0.17 mm) without liner	7.4 mils (0.19 mm) without liner
Liner Thickness:	2.5 mils (0.06 mm)	2.5 mils (0.06 mm)	2.5 mils (0.06 mm)
Post-Split Splicing Tape Thickness:	2.5 mils (0.06 mm)	4.0 mils (0.10 mm)	4.0 mils (0.10 mm)
Post-Split Tabbing Tape Thickness:	2.2 mils (0.05 mm)	2.2 mils (0.05 mm)	3.1 mils (0.08 mm)

*Repulpability judged according to TAPPI UM-213, Procedure A.

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Special Features

- Ideal for off-line splice preparations and subsequent roll storage.
- Tape separates easily and smoothly without delaminating substrates.
- Engineered opening force for today's high speed presses.

Features

- Fiber free splitting mechanism enables a smooth splice transition.
- Can save money by having a more consistent and efficient splice.
- High initial adhesion to newsprint, groundwood, paper, and other uncoated and coated sheets.
- Coatable and printable.
- Quick and easy application with no need for complex patterns and multiple tapes.

Application Ideas

- Splittable flying splice tape is ideal for high speed newspaper and offset printing.
- Flying splice for cold paper stock 40°F (4°C), near freezing temperature.
- 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

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original packaging.

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

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



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