Repulpable Splittable Flying Splice Tapes

R3379 • R3389B • R9996 • R9999

Technical Data **August 2015**

Product Descriptions 3M™ Repulpable Splittable Flying Splice Tapes R3379, R3389B, R9996, and R9999 are double sided splittable tape constructions with an easy release split liner designed for straight line flying splices.

Product	Description	Typical paper weight usage range*	Nominal temperature usage range**
R3379	Repulpable Splittable Flying Splice Tape is used for high speed splicing conditions when high tack is required and to compensate for roll profile issues.	50 – 200 gsm (30 lbs/3000 sq ft - 120 lbs/3000 sq ft)	up to 204°C (400°F)
R3389B	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	> 50 gsm (30 lbs/3000 sq ft)	up to 204°C (400°F)
R9996	Repulpable Splittable Flying Splice Tape for most light weight paper grades in manual and automatic splicing equipment, for flying splice tape applications.	< 120 gsm (80 lbs/3000 sq ft)	up to 204°C (400°F)
R9999	Repulpable Splittable Flying Splice Tape for heavyweight papers in manual and automatic splicing equipment, with moderate speed.	> 120 gsm (80 lbs/3000 sq ft)	up to 204°C (400°F)

*****Depends on paper grade.

******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.

Product Construction For all products

Backing	Adhesive	Liner	Color	Available Roll Sizes Roll Length
Repulpable paper	Repulpable adhesive	Easy-release Repulpable paper	Splicing side - blue Tabbing side - clear	50 mm x 55m (2" x 60 yds) 60 mm x 55m (2 3/8" x 60 yds) 75 mm x 55m (3" x 60 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.

	R3379	R3389B	R9996	R9999
Repulpability:*	Tape - completely Liner - completely	Tape - completely Liner - completely	Tape - completely Liner - completely	Tape - completely Liner - completely
Tape Thickness: without liner	7.5 mils (0.18 mm)	7.3 mils (0.17 mm)	4.8 mils (0.12 mm)	6.7 mils (0.17 mm)
Liner Thickness:	2.5 mils (0.06 mm)	2.5 mils (0.06 mm)	2.5 mils (0.06 mm)	2.5 mils (0.06 mm)
Post-Split Splicing Tape Thickness:	3.8 mils (0.09 mm)	5.0 mils (0.12 mm)	2.5 mils (0.06 mm)	4.5 mils (0.12 mm)
Post-Split Tabbing Tape Thickness:	3.7 mils (0.09 mm)	2.3 mils (0.05 mm)	2.3 mils (0.06 mm)	2.2 mils (0.05 mm)

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

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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.

Application Ideas

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

Application Ideas

- 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).

Features

Features	Advantages	Benefits
• Simple easy application	• Consistent and efficient splice • Less training required	• Save time and money
• Tape separates easily and smoothly	• Won't delaminate the substrates • Low web upset	• Fewer splice failures
• Fiber-Free splitting mechanism	• Enables a smooth splice transition • No fibers deposits on blades & rolls	• Improved quality • Less cleaning • Reduced coating streaks

Shelf Life

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

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.

Product Use

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ISO 9001

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Industrial Adhesives and Tapes Division
3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com/industrial

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