



Repulpable Flying Splice Systems

R9992 • R9993

Technical Data

November, 2006

Product Description 3M™ Repulpable Flying Splice Systems R9992 and R9993 are repulpable double coated tape laminates 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 55m (1½" x 60 yds.) 50mm x 55m (2" 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.

Repulpability:	Completely*
Bond Strength:	Excellent affinity to Cellulose Fibers
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 on different paper surfaces.
- 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.
- Water and alkali dispersability are excellent and eliminate danger of contaminating the paper mill broke with non-repulpable materials.
- 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.
- Reliable splicing operation, at high and low temperatures.
- No loose fibers.
- Reduce likelihood of interruptions to subsequent processing operations.

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Special Features

3M™ Repulpable Flying Splice System R9992

- Easy release separation for older presses.
- Extra split in the liner for belt driven splicers where bridging tapes are not ideal or unavailable.

3M™ Repulpable Flying Splice System R9993

- Engineered opening force for today's high speed presses.
- Ideal for off-line splice preparations and subsequent roll storage.

Application Ideas

- Splittable flying splice tape for newspaper printing operations.
- Ideal for rotogravure printing where PSA tapes are desired over glue.
- Splittable flying splice in printing applications, including high temperature commercial printing.

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.

Product Use

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ISO 9001:2000

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



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