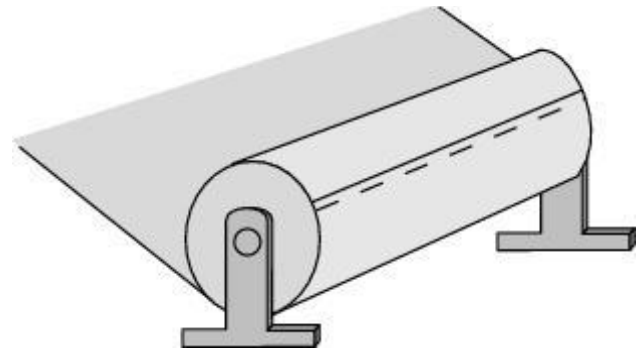
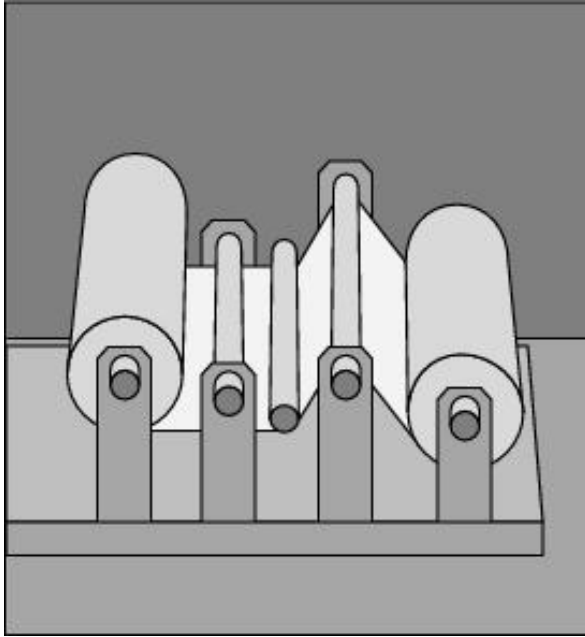


3M Application Profile #2

Market: Web Processing in Paper Mills and Paper Converters

Application Description: Overlap Splice at the Re-reeler



RECOMMENDED PRODUCT

3M™ Repulpable Double Coated Splicing Tape 900B

Key Application Requirements

Simple overlap splices are recommended for splices which will not see additional coating operations

Advantages/Benefits to Customer

High shear strength: 3M™ Repulpable Double Coated Splicing Tape 900B uses a firm adhesive that will not slip at high web tensions. This avoids potentially leaving exposed adhesive, and resulting in the adhesive “blocking” to the adjacent paper and ultimately causing web breaks as the paper is unwound.

Heat resistant: Withstands high oven temperatures typically associated with web printing, which helps reduce down time due to splice failure.

Repulpable: Both 3M tape and liner pass TAPPI method UM-213. There is no need to separate splice from waste, helping to save labor.

FDA compliant adhesive: Tape can be used on most food grade papers.

Process

3M™ Repulpable Double Coated Splicing Tape 900B is pressed into place across the trailing edge of paper. The leading edge of paper from the next roll of paper is then pressed on top of the 3M tape, forming an overlap splice.

Application Method

By hand.

Alternative Application Description

If splices will see additional coating or customer printing operations, a 3M single coated tape could be used as a cover tape to tape down the trailing and/or leading edge forming a safety splice.

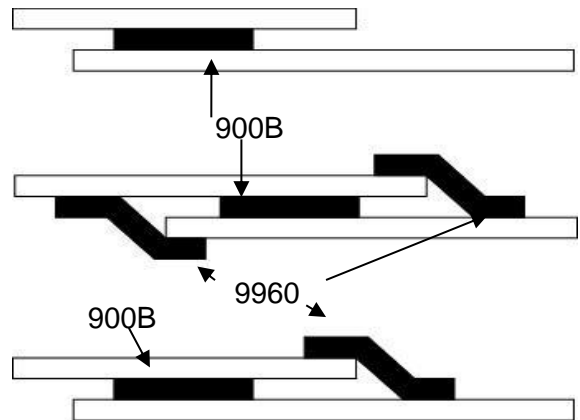
Key Decision Makers

Production Managers and Supervisors
Paper Machine Superintendents
Finishing Superintendents
Purchasing

3M Application Profile #2

Splicing Tape Comparison

Related Products	Paper Type	FDA* Compliant
3M™ Repulpable Double Coated Splicing Tape 900B	coated and uncoated	yes
3M™ Repulpable Double Coated Splicing Tape 405	uncoated	no



Cover Tape Comparison

Related Products	Paper Type	Caliper mils (mm)	Color(s)	FDA* Compliant
3M™ Repulpable Single Coated Splicing Tape 9960	Coated and uncoated	2.2 (0.06)	Blue	yes
3M™ Thin Printable Repulpable Single Coated Splicing Tape 9969	Coated and uncoated	2.2 (0.06)	Blue, or White	yes
3M™ Printable Repulpable Single Coated Splicing Tape 9103	Coated and uncoated	4.5 (0.11)	Blue	yes
3M™ Repulpable Single Coated Splicing Tape 901	Uncoated	4.0 (0.10)	White paper green adhesive	no

* All components of the adhesive and backing meet the requirements of indirect food additive regulations as described under CFR 21 176.170 (Components of paper and paperboards in contact with aqueous and fatty food) and 21 CFR 176.180 (Components of paper and paperboards in contact with dry foods).

Product Use:

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