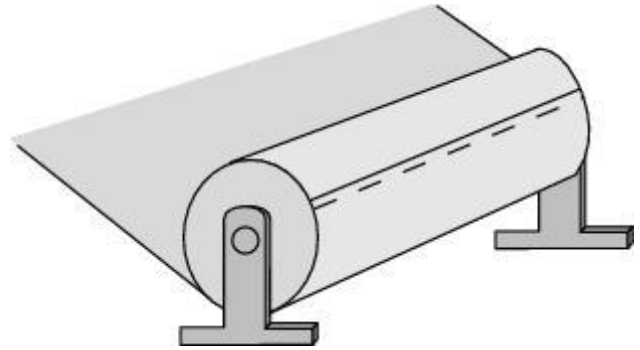
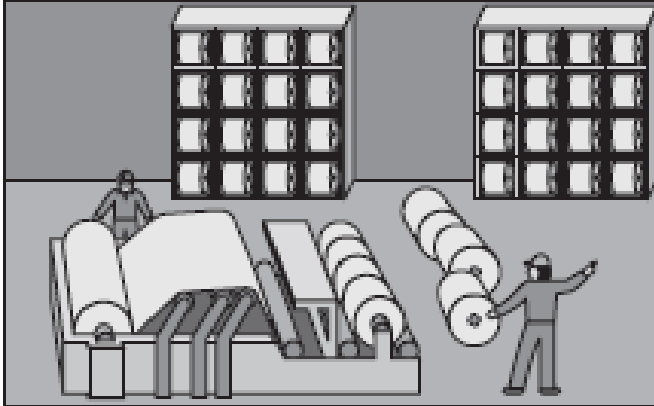


3M Application Profile #10

Market: Web Processing in Paper Mills and Paper Converters

Application Description: Simple Overlap Splice at the Winder



RECOMMENDED PRODUCT

3M™ Repulpable Double Coated Splicing Tape 900

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 900 uses a firm adhesive that leaves no exposed adhesive, which may be caused by web slippage at high web tensions. This helps reduce web breakage caused by adhesive “blocking.”

Versatile: Ideal for most simple overlap splices as well as core starting and roll closing.

Easily identifiable: Light blue adhesive color helps save time and increase productivity.

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. No need to separate splice from waste.

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

Process

3M™ Repulpable Double Coated Splicing Tape 900 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.

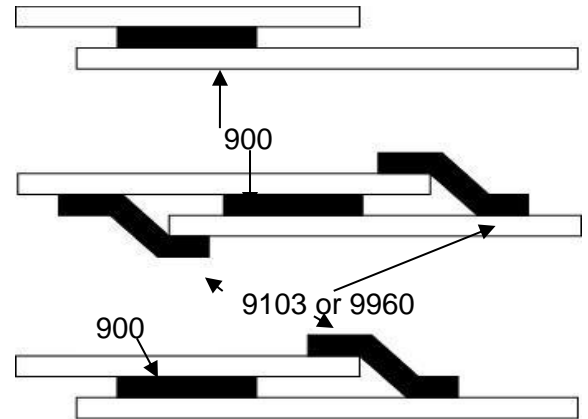
Key Decision Makers

Production Managers and Supervisors
Paper Machine Superintendents
Finishing Superintendents
Purchasing

3M Application Profile #10

Splicing Tape Comparison

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



Cover Tape Comparison

Related Products	Paper Type	Caliper mils (mm)	Color	FDA* Compliant
3M™ Printable Repulpable Single Coated Splicing Tape 9103	Coated or uncoated	4.5 (0.11)	Blue	yes
3M™ Thin Printable Repulpable Single Coated Splicing Tape 9960	Coated or uncoated	2.2 (0.06)	Blue	yes
3M™ Thin Printable Repulpable Single Coated Splicing Tape 9969	Coated or uncoated	2.2 (0.06)	Blue or white	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).

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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/IATD



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