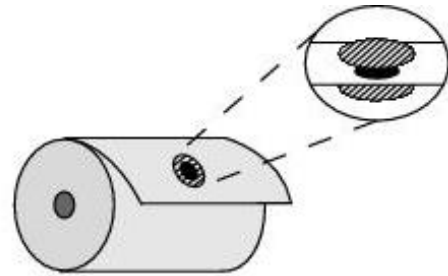
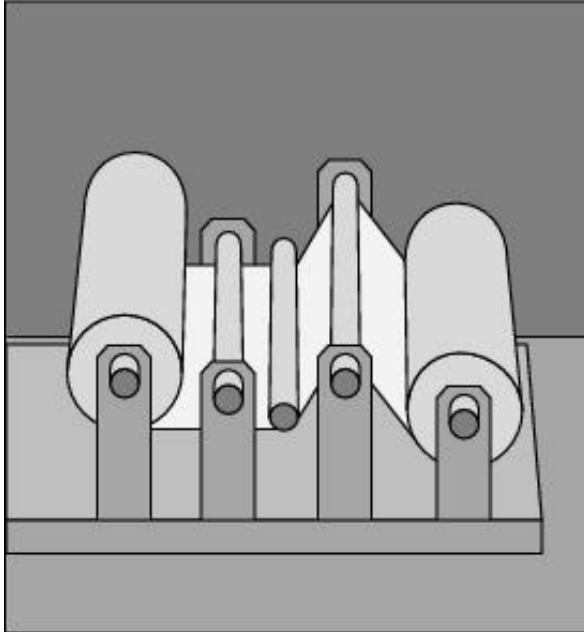


3M Application Profile #3

Market: Web Processing in Paper Mills and Paper Converters

Application Description: Hole Patching at the Re-reeler



RECOMMENDED PRODUCT

3M™ Thin Printable Repulpable Single Coated Splicing Tape 9969W

Key Application Requirements

Quick, easy, application to repair defects in the paper without cutting the defect out of the paper and then taping the sheet back together.

Advantages/Benefits to Customer

High shear strength adhesive: High adhesion to many paper grades, helping to reduce the number of splices, by patching holes instead of splicing.

Thin, strong backing: Provides reliable hole patch through coaters and supercalenders, increasing yield through mill or printing operations.

Printable backing: Accepts coatings, helping assure high quality printing without flaking or print distortion.

White or Blue available: White blends with base paper or colored to identify and remove.

FDA compliant adhesive: 3M tape can be used on food grade papers.

Repulpable: Both 3M tape and liner pass TAPPI method UM-213. No need to separate splice from waste.

Process

3M™ Thin Printable Repulpable Single Coated Splicing Tape 9969W is cut into a diamond or rounded shape patch larger than the hole. The patch is pressed into place over the hole on both sides of the web.

Application Method

By hand.

Key Decision Makers

Production Managers and Supervisors
Paper Machine Superintendents
Finishing Superintendents
Purchasing

3M Application Profile #3

Related Splicing Tapes

| Product | Paper Type | Caliper: mils (mm) | Backing color | Adhesive color | FDA* |
|---|---------------------|-----------------------|------------------|-------------------|------|
| 3M™ Thin Printable Repulpable Single Coated Splicing Tape 9969B Blue | Coated and uncoated | 2.2 (0.06) | White | Blue | yes |
| 3M™ Thin Printable Repulpable Single Coated Splicing Tape 9969W White | Coated and uncoated | 2.2 (0.06) | White | Clear | yes |
| 3M™ Repulpable Single Coated Splicing Tape 9960 | Coated and uncoated | 2.2 (0.06) | White | Blue | yes |
| 3M™ Printable Repulpable Single Coated Splicing Tape 9103 | Coated and uncoated | 4.5 (0.11) | Blue | Blue | yes |
| 3M™ Repulpable Single Coated Splicing Tape 901 | Uncoated | 4.0 (0.10) | White | Green | 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:

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application

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