Repulpable Flying Splice Tape

906B (Blue) • 906W (White)

Technical Data **October, 2006**

Product Description

3M™ Repulpable Tape 906 is a light-weight tissue coated on both sides with a high tack, high shear strength, repulpable adhesive and is on a repulpable easy-release paper liner.

Construction

Adhesive	Liner	Roll Length
High tack, repulpable	Silicone-coated, semi-bleached kraft paper	36 yds. (33 m)

Typical Physical Properties and Performance Characteristics

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Repulpability:	Tape - Completely* Liner - Completely*
Tape Thickness:	3 mils (.075 mm) without liner
Bonding Strength:	Delaminates most papers
Heat Resistance:	Excellent to 400°F (204°C) web temperature

*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

- All components of the adhesive and backing meet the requirements of indirect food additive regulations as described under 21 CFR 176.170 (Components of paper and paperboard in contact with aqueous and fatty food) and 21 CFR 176.180 (Components of paper and paperboard in contact with dry foods).
- Packing in sealed plastic bags helps protect constant moisture content of unused tape.
- Water solubility and alkali dispersibility are excellent and eliminate danger of contaminating the paper mill broke with non-repulpable material. Poor quality paper and plugged Fourdrinier screens can often be caused by non-repulpable rubber-based splicing media.
- Improved adhesive formulation for high adhesion – even to treated papers and strong splices to help save money.
- Totally repulpable construction so no need to remove splice from waste and prevents broke contamination caused by non-repulpable splice material to help save labor and increase value of waste paper.
- Tissue reinforced for smoother surface contact, improves splice strength to wider range of papers to help increase splice success ratio.
- Not recommended for finished roll splices or where oozing and bleeding may occur.

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Application Techniques

For optimum results, firm even rub down pressure must be applied to the taped area to create the best possible adhesion between the tape and paper surface. A plastic squeegee or similar tool can help achieve the proper uniform pressure.

Application Ideas

- Flying splice at Off Machine Coater.
- Splicing tape on Automatic Splicing Equipment.
- Core starting.

Major Industries

- Paper mills.
- Web printers, bag makers, etc.
- Paper converters.

Storage

Store in a clean, dry place at 70°F (21°C), and 50% relative humidity in the sealed plastic bags until ready for use.

Shelf Life

For best results, use within 18 months of date of manufacture.

Product Use

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ISO 9001:2000

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