

Technical data sheet



Product: 906B

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: KLEBEBAND

Article group: DOPPELSEITIG

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3M™ REPULPABLE FLYING SPLICE TAPE 906B

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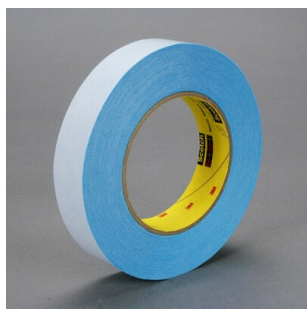
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3M™ Repulpable Flying Splice Tape 906B



Regulatory Info/SDS

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.

Product 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.

Technical Information Note

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

Typical Physical Properties

Attribute Name	Test Method	Value
Adhesive Type		High tack, repulpable
Total Tape Thickness	ASTM D3652	0.075 mm (3 mil)
Liner		Silicone-coated, semi-bleached kraft paper
Repulpability	TAPPI UM-213, Procedure A	Tape – Completely Liner – Completely
Bond Strength		Delaminates most papers
Temperature Resistance		Excellent to 204 °C (Excellent to 400 °F) ¹

¹ Web temperature: As tested in laboratory, results may vary depending on machine and web tensions, nature of paper surface, application pressure, etc. which are outside of 3M control.

Typical Performance Characteristics

Attribute Name	Value
Short Term Temperature Resistance	204 °C (400 °F) ¹

¹ Short Term (minutes, hour)

Handling/Application Information

Application Examples

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

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.

Major Industries

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

Industry Specifications

21 CFR 176.170
21 CFR 176.180

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in a sealed plastic bag, out of direct sunlight. For best performance, use this product within 18 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	33 m (36 yd)

Information

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