



Technical Data Sheet

3M™ Repulpable Single-Coated Tape 9103



[Regulatory Info/SDS](#)

Product Description

3M™ Repulpable Tape 9103 is a single-sided paper tape coated with a patented, permanent repulpable adhesive on one side and provided on an easy release repulpable liner.

Product Features

- These tapes can be used in the splicing of many coated and uncoated papers used in Offset & Rotogravure printing.
- It also can be used in many other finished splice applications, even with “alkaline coatings” and with stearate sizing.
- Packing in sealed plastic bags helps assure the moisture content of unused tape.
- Water and alkali dispersability are excellent and eliminate danger of contaminating the paper mill broke with non-repulpable material. (Poor quality paper and plugged Fourdrinier screens often can be caused by typical non-repulpable, rubber base splicing media.)
- The kraft backing is untreated and readily accepts most inks and coatings.
- 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).

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
Color		Blue
Total Tape Thickness	ASTM D3652	0.1 mm (4.1 mil)
Repulpability	TAPPI UM-213, Procedure A	Tape - Completely Liner - Completely
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

- Butt splicing in both coated and uncoated papers and cellulosic materials.
- Cover tape for safety splices and perfect splices.
- Hole patching.

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 (i.e., 3M™ Hand Applicator PA1-B) or similar tool can help achieve the proper uniform pressure.

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 the original packaging, 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	55 m (60 yd)

Information

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ISO Statement

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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