



Repulpable Single-Coated Tapes

9103 • 9103SL • 9103RW • 9960

Technical Data

June 2017

Product Descriptions 3M™ Repulpable Tapes 9103, 9103SL, 9103RW and 9960 are single-sided paper tapes coated with a patented, permanent repulpable adhesive on one side and provided on an easy release repulpable liner.

Product Number	Product Name	Colors	Standard Roll Length
9103*	Repulpable Single Coated Splicing Tape	Blue	55 m (60 yds)
9960	Repulpable Single Coated Splicing Tape	Blue	55 m (60 yds)

*3M™ Repulpable Single-Coated Splicing Tape 9103SL is a split liner format of the product above.

*3M™ Repulpable Single-Coated Splicing Tape 9103RW is a reverse wound format of the product above.

Typical Physical Properties

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

Product	Caliper	MD Tensile	CD Tensile
9103	4.1 mils (0.10 mm)	40.5 lbs/in (458 N/100m)	12 lbs/in (135 N/100m)
9960	2.5 mils (0.06 mm)	12.8 lbs/in (144 N/100m)	9.9 lbs/in (112 N/100m)

Product	Repulpability*	Heat Resistance**	FDA Compliant***
9103	Tape – Completely Liner – Completely	400°F (180°C)	Yes
9960	Tape – Completely Liner – Completely	400°F (180°C)	Yes

*Repulpability determined according to TAPPI UM-213, Procedure A.

**As tested in laboratory, however, heat resistance may depend on machine and web tensions, nature of paper surface and/or coatings, application pressure, etc. which are outside of 3M control.

***All components of the adhesive and backing meet the requirements of indirect food additive regulations as described under CFR 21 176.10 (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).

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.

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Application Ideas	<ul style="list-style-type: none">• Butt splicing in both coated and uncoated papers and cellulosic materials• Cover tape for safety splices and perfect splices• Hole patching
Features	<ul style="list-style-type: none">• 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.
Storage	Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton.
Shelf Life	To obtain best performance, use this product within 12 months from date of manufacture.
Technical Information	The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.
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ISO 9001

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.



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