



Repulpable Single-Coated Tapes

9103 • 9103SL • 9960 • 9960SL

Technical Data

March 2014

Product Descriptions 3M™ Repulpable Tapes 9103, 9103SL, 9960 and 9960SL 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, White	55 m (60 yds)

3M™ Repulpable Single-Coated Splicing Tape 9103SL, and 9960SL are a split liner 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	4.0 mils (0.10 mm)	40.5 lbs/in (459 N/100m)	14.5 lbs/in (165 N/100m)
9960	2.2 mils (0.06 mm)	18.3 lbs/in (218 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

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

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.

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, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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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