



# Repulpable Newspaper Splicing System

## 9993

### Technical Data

**Product Description** 3M™ Repulpable Newspaper Splicing System 9993 is a double coated tape with a low release split liner.

Product Construction	Backing	Adhesive	Liner	Color	Standard Roll Length
	Repulpable paper	Repulpable adhesives	Easy release coated repulpable paper	Splicing side - blue Tabbing side - clear	36 yds. (33m)

### 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.**

Repulpability:	Completely*
Bond Strength:	Excellent affinity to cellulose fibers
Tape Thickness on roll:	5.1 mils (0.13 mm) without liner
Liner Thickness:	3.2 mils (0.08 mm)
Splicing Tape Thickness:	2.8 mils (0.07 mm)
Tabbing Tape Thickness:	2.3 mils (0.06 mm)
Temperature Use Range:	Up to 400°F (204°C)

\*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

- Optimal application temperature range is: 70° to 100°F (21° to 38°C). Application below 40°F (-10°C) not recommended – adhesive may become too firm to adhere properly.
- Sealed plastic bags assure product stability for consistent performance.
- Water solubility and alkali dispersability are excellent and eliminate danger of contaminating the paper mill broke with non-repulpable materials.
- For optimum results, firm, even rub down pressure must be applied to the tape area to create the best possible adhesion between the tape and paper surface.
- No need for complex patterns and multiple tapes.
- Enables a smooth splice transition and no need to angle splice.
- Allows for smoother splice process through printing operation.
- No need to dump splices.
- High initial adhesion on different paper surfaces.

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## Application Ideas

- Flying splice tape for most grades of paper under 150gsm (80#) in manual and automatic splicing equipment.
- Flying splice in offset newspaper printing operations.

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## Storage

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

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## Shelf Life

To obtain best performance, use this product within 12 months from date of manufacture.

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## Product Use

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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**ISO 9001:2000**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



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