



Repulpable Double Coated Splicing Tape for Newsprint 913E

Product Data Sheet

Updated : November 2000
Supersedes : All previous

Product Description 3M 913E is a lightweight tissue coated on both sides with a blue repulpable adhesive specially designed for high wet grab to newsprint papers.

This tape is furnished with a repulpable paper liner which has a release coating on both sides.

Product Construction
Not for specification purposes

Carrier	White repulpable tissue
Adhesive Type	Blue repulpable
Liner	Silicone coated repulpable 98 g semi bleached Kraft Paper
Thickness (ASTM D-3652) Tape	0.08 mm without liner
Shelf Life	12 months from date of despatch by 3M when stored in the original carton at 20°C (70°F) & 50 % Relative Humidity

Physical Properties
Not for specification purposes

Repulpability *	Tape Completely* Liner- Completely*
Heat Resistance	< / = 190°C
Bonding Strength	Excellent affinity to Cellulose Fibres

* Repulpability judged by running TAPPI UM-213, procedure A. It is important to follow the weight and quantity measurement for fibre, splicing tape and water. Non-representative result can occur if test guidelines are not followed.

Application Conditions

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 (3M PA 1-B) or similar tool is very effective in achieving the proper uniform pressure.

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 Double Coated Splicing Tape
 for Newsprint 913E

General Information

Adhesion to paper increases after short dwell time.

This tape should not be used for flying splice applications in a heat dried magazine printing operation.

Optimal application temperature range is: 21°C-38°C. Application below 10°C not recommended- adhesive becomes too firm to adhere properly. However, when applied at temperatures 21°C-38°C, low temperature bond strength is generally satisfactory.

Applications

Flying splice on cold set
 newsprint paper

Major Industries

Newspaper printers

Core start

Features

High tack adhesive.

High performance
 adhesive

Reinforced double coated
 tissue construction

Complete Repulpability

Advantages

High initial adhesion on
 different paper surfaces

Reduces slippage and
 splice failures due to fast
 press speeds

Smooth surface contact
 improves bond strength to
 carrier

Splices, tape and liner will
 not contaminate broke.

Benefits

Quick and easy splices.

Saves money by reducing
 down time.

Stronger splices therefore
 lower incidence of splice
 failure

Saves Labour.
 Increases value of broke.

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.


Tapes & Adhesives

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