

Technical data sheet



Product: 913E

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: KLEBEBAND

Article group: DOPPELSEITIG

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REPULPABLE DOUBLE COATED SPLICING TAPE

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Repulpable Double Coated Splicing Tape for Newsprint 913E

Product Data Sheet

Updated : September 2022
Supersedes : November 2000

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.

Date : September 2022
 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
Advantages
Benefits

High tack adhesive.

High initial adhesion on
 different paper surfaces

Quick and easy splices.

High performance
 adhesive

Reduces slippage and
 splice failures due to fast
 press speeds

Saves money by reducing
 down time.

Reinforced double coated
 tissue construction

Smooth surface contact
 improves bond strength to
 carrier

Stronger splices therefore
 lower incidence of splice
 failure

Complete Repulpability

Splices, tape and liner will
 not contaminate broke.

Saves Labour.
 Increases value of broke.

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 Double Coated Splicing Tape
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Automotive Disclaimer

Automotive Applications: This product is an industrial product and has not been designed or tested for use in certain automotive applications, including, but not limited to, automotive electric powertrain battery or high voltage applications. This product does not fully adhere to typical automotive design or quality system requirements, such as IATF 16949 or VDA 6.3. This product may not be manufactured in an IATF certified facility and may not meet a Ppk of 1.33 for all properties. The product may not undergo an automotive production part approval process (PPAP). Customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's automotive application and for conducting incoming inspections before use of the product. Failure to do so may result in injury, death, and/or harm to property. No written or verbal statement, report, data or recommendation by 3M related to automotive use of the product shall have any force or effect unless in an agreement signed by the Technical Director of 3M's Automotive Division. Customer assumes all responsibility and risk if customer chooses to use this product in an automotive electric powertrain battery or high voltage application, and 3M will not be liable for any loss or damage arising from or related to the 3M product or customer's use of the product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity or recall costs), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability. In no event shall 3M be liable for any damages in excess of the purchase price paid for the product.

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Tapes & Adhesives

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