

Technical Data Sheet

3M™ Repulpable Forms-Splicing Tape 914

Product Description

3M™ Repulpable Forms-Splicing Tape 914 is a specially engineered forms-splicing tape using a thin, release-coated semi-bleached kraft paper backing and a blue, high performance repulpable adhesive. The construction is skip-slit for easy separation.

Product Features

- Completely repulpable
- Heat resistant adhesive
- 5/16 yd (8 mm) wide
- Skip-slit tape

General Information

- Packed in sealed plastic bags to help protect moisture content of unused tape.
- Repulpable in water.
- Not printable, but can be written on or marked with “spirit inks.”
- Functions well in splicing manifold business forms.

Technical Information Note

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

Typical Physical Properties

Property	Values	Additional Information
Backing	Semi-bleached kraft paper with a one-side, easy-release treatment	
Adhesive Type	Blue, repulpable	
Color	Off-White	
Total Tape Thickness (mil)	3.6 mil	View 
Test Method: ASTM D3652		
Total Tape Thickness (mm)	0.09 mm	View 

Test Method: ASTM D3652

Repulpability	Completely	View 
Test Method: TAPPI UM-213, Procedure A		
Bond Strength	Delaminates most papers	
Temperature Resistance	Excellent to 204 °C	View 
Notes: Web temperature: As tested in laboratory, results may vary depending on machine and web tensions, nature of paper surface, application pressure, etc. which are outside of 3M control.		
Temperature Resistance	Excellent to 400 °F	View 
Notes: Web temperature: As tested in laboratory, results may vary depending on machine and web tensions, nature of paper surface, application pressure, etc. which are outside of 3M control.		
Other	Skip-slit for easy, neat forms separation	

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	92.8 N/cm	View 
Test Condition: Machine Direction		
Tensile Strength	848 oz/in	View 
Test Condition: Machine Direction		
Tensile Strength	42 N/cm	View 
Test Condition: Cross Direction		
Tensile Strength	384 oz/in	View 
Test Condition: Cross Direction		
Short Term Temperature Resistance	400 °F	View 
Test Condition: Short Term (minutes, hour)		
Short Term Temperature Resistance	204 °C	View 
Test Condition: Short Term (minutes, hour)		

Available Sizes

Property	Values	Additional Information
Standard Roll Length	33 m	
Standard Roll Length	36 yd	
Standard Width	8 mm	
Standard Width	5/16 in	

Storage and Shelf Life

Store under normal conditions of 70°F (21°C) and 50% R.H. in the sealed plastic bags until ready for immediate use. To obtain best performance, use this product within 18 months from date of manufacture.

Bottom Matter

3M
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Trademarks

3M is a trademark of 3M Company.

Industry Specifications

This product might be suitable for use in indirect food contact applications. Please see the applicable Regulatory Data Sheet for more information relating to FDA compliance.

Handling/Application Information

Application Techniques

For optimum results, firm, even rub down pressure should be applied to the taped area to create the best possible adhesion between the tape and paper surface. A plastic squeegee or similar tool can help achieve the proper uniform pressure.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/p/d/b40067144/
Safety Data Sheet SDS	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=914

Family Group

Link Tags:

914

Products	Backing	Adhesive Type	Color	Total Tape Thickness (mm)
914	Semi-bleached kraft paper with a one-side, easy-release treatment	Blue, repulpable	Off-White	0.09 mm

ISO Statement

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

Information

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