

3M

Repulpable Double-Coated Splicing Tape

405

Technical Data

June 2017

Product Description 3M™ Repulpable Double-Coated Splicing Tape 405 is a lightweight tissue coated on both sides with a light green repulpable adhesive.

Product Construction	Adhesive	Liner	Color	Standard Roll Length
	Light green Repulpable	Translucent red plastic film (PVC) Non-repulpable	Light green	33 m (36 yds)

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:	Tape – Completely* Liner – Completely*
Tape Thickness:	3.1 mils (0.078 mm) without liner
Bond Strength:	Excellent affinity to cellulose fibers and starch coatings
Heat Resistance:	Up to 400°F (204°C) web temperature**

*Repulpability judged according to TAPPI UM-213, Procedure A.

**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.

Features

- Sealed plastic bags helps assure constant moisture content of unused tape.
- Adhesion to paper increases after short dwell time.
- Water solubility and alkali dispersability are excellent and eliminate danger of contaminating the paper mill broke with non-repulpable material.
- Repulpable adhesive prevents broke contamination by non-repulpable splice material.

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 or similar tool can help achieve the proper uniform pressure.

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Application Ideas	<ul style="list-style-type: none">• Overlap splices in cellulosic materials• High temperature overlap splicing of many foils, plastic films, papers• Used in paper mills and paper converters• General web handling
Storage	Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.
Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.
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ISO 9001

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



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