



Repulpable Double-Coated Splicing Tape

405

Technical Data

March 2014

Product Description 3M™ Repulpable Double-Coated Splicing Tape 405 is a light-weight 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 and Performance Characteristics

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 – Not repulpable
Tape Thickness:	3.5 mils (0.089 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.

Features

- Sealed plastic bags help 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 by 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

- 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 sealed plastic bags until ready for immediate use.

Shelf Life

To obtain best performance, use this product within 18 months from date of manufacture.

Product Use

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ISO 9001:2000

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