



# Repulpable Double-Coated High Strength Flying Splice Tape

## 9977

Technical Data

March, 2014

### Product Description

3M™ Repulpable Double-Coated High Strength Flying Splice Tape 9977 is a high strength tissue, coated on both sides with a blue, high tack, high shear strength, repulpable adhesive. The tape is furnished on a repulpable easy-release liner.

### Product Construction

Carrier	Adhesive	Liner	Color	Standard Roll Length
High strength, hemp fiber-reinforced tissue	High-tack, repulpable	Silicone coated, repulpable, semi-bleached kraft paper	Blue	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:	4 mils (0.75 mm) without liner
Bonding Strength:	Excellent affinity to cellulose fibers
Heat Resistance:	Excellent to 400°F (204°C) web temperature

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

### Features

- High tear and tensile strength.
- Sealed plastic bags assures product stability for consistent performance.
- Fully repulpable.
- No need to remove splice from waste or segregate liner.
- No exposed adhesive caused by splice slippage at high web tensions.
- Withstands high oven temperatures typically associated with web printing.

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**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.

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**Application Ideas**

- Flying splices on heavy weight coated papers.
- Temporary overlap splicing of many paper and cellulosic materials.
- High temperature overlap splicing of many foils, plastic films, papers.
- Major industries include paper mills, printer converters and general web handling.

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**Storage** Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

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

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