



Repulpable Forms-Splicing Tape

914

Technical Data

May, 2003

Product Description

3M™ Repulpable 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.

Construction

| Backing | Adhesive | Liner | Color | Roll Length | Roll Width |
|---|-----------------|-------|----------------------|----------------|-----------------|
| 52 lb./3000 ft. ² (85 g/m ²) semi-bleached kraft paper with a one-side, easy-release treatment | Blue repulpable | None | Backing is off-white | 36 yds. (33 m) | 5/16 in. (8 mm) |

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: | Completely* |
| Tensile Strength: | Machine Direction - 45 lbs./in. (788 N/100 mm) Cross Direction - 30 lbs./in. (525 N/100 mm) |
| Tape Thickness: | 4.0 mils (.10 mm) |
| Bonding Strength: | Delaminates most papers |
| Heat Resistance: | Excellent to 400°F (204°C) web temperature |
| Other: | Skip slit for easy, neat forms separation |

*Repulpability judged according to TAPPI UM-213, Procedure A. It is important to follow the weight and quantity measurements for the fiber, splicing tape and water. Non-representative results can occur if test guidelines are not followed.

Features

- Construction is skip-slit for easy separation.
- Repulpable in water.
- Not printable, but can be written on or marked with “Spirit Inks.”
- Functions well in splicing many manifold business forms.
- FDA GRAS compliant tape for paper and paperboard manufacture.
- Completely repulpable so no need to remove splices from waste and avoids contamination of scrap to help save labor and increase value of scrap paper.
- Heat resistant adhesive that withstands temperatures of most heat-set, non-impact printers for no splice slippage.
- Fits between most sprocket holes so splices hold to the edges of paper but do not jam sprocket holes.
- Skip slit tape for easy, neat forms separation to help save time.

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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.

Storage Store in a clean, dry place at 70°F (21°C), and 50% relative humidity in the sealed plastic bags until ready for use.

Shelf Life For best results, use within 18 months of date of manufacture.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/industrialtape. Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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Industrial Business
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