



# Repulpable Single-Coated Splicing Tape

## 902

Technical Data

October, 2006

**Product Description** 3M™ Repulpable Single-Coated Splicing Tape 902 is a semi-bleached kraft paper coated with a high tack transparent repulpable adhesive.

Product Construction	Backing	Adhesive	Liner	Color	Standard Roll Length
	42 lb./3000 ft. <sup>2</sup> (68 g/m <sup>2</sup> ) repulpable kraft	High tack, transparent repulpable	None	Off-white backing	60 yds. (55 m)

### 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*
Tensile Strength:	Machine Direction – 35 lbs./in. (613 N/100 mm) Cross Direction – 20 lbs./in. (350 N/100 mm)
Tape Thickness:	3.9 mils (0.09 mm)
Bonding Strength:	Delaminates most papers

\*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

- Packing in sealed bags helps assure constant moisture content of unused tape.
- Repulpable in water.
- Not printable.
- No liner so easy to apply.
- All components of the adhesive and backing meet the requirements of indirect food additive regulations as described under 21 CFR 176.170 (Components of paper and paperboard in contact with aqueous and fatty food) and 21 CFR 176.180 (Components of paper and paperboard in contact with dry foods).

### 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.
- Bleeding can occur on porous or low basis weight paper. A suggested remedy is to cover both sides of the splice with powdered chalk or talc

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## Application Ideas

- Tabbing start and finish ends of rolls of paper.
- Butt splicing paper and cellulosic materials.
- Attaching identification and in-plant routing slips.
- Repairing recyclable bags containing TiO<sub>2</sub> (Titanium Dioxide).
- Butt splicing paper in core manufacturing.

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## Storage

Store under normal conditions of 70°F (21°C) and 50% R.H. in the sealed plastic bags until ready for immediate use.

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## Shelf Life

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

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## Product Use

All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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**ISO 9001:2000**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



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