



Super Strength Single-Coated Repulpable Tape

R3187

Technical Data

December, 2010

Product Description 3M™ Super Strength Single-Coated Repulpable Tapes are a bleached extensible kraft paper coated with a new technology high tack transparent repulpable adhesive.

Product Construction	Backing	Adhesive	Colors	Standard Roll Length
	70 lb./3000 ft. ² repulpable extensible kraft paper	High tack, high adhesion, transparent repulpable	White, Blue, Kraft, Black	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 – 34 lbs./in. (595 N/100 mm)
Elongation at Break:	Machine Direction – 6.0% (minimum) Cross Direction – 3.0% (minimum)
Tape Thickness:	7.5 mils (0.19 mm)
Bonding Strength:	Delaminates most papers
Heat Resistance:	Excellent to 350°F (180°C) web temperature on most paper grades up to one minute**

*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.

**As tested in laboratory, however, heat resistance may depend on machine and web tensions, nature of paper surface, application pressure, etc. which are outside of 3M control.

Features

- All components of the adhesive and backing meet the requirements of indirect food additive regulations as described under 21 CFR 176.10 (Components of paper and paperboards in contact with aqueous and fatty food) and 21 CFR 176.180 (Components of paper and paperboard in contact with dry foods).
- Backing contains a thin easy-release coating to eliminate the need for a liner, thus making the backing unreceptive to ink or coatings.
- No need to remove splice from waste.
- Helps save labor.
- Prevent broke contamination by non-repulpable splice material.
- Helps increase value of scrap paper.
- Easy to apply.

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Features (continued)	<ul style="list-style-type: none">• Adheres to a wider variety of papers over a wider range of temperatures.• High strength and conformability.• Helps increase tabbing and splicing performance.
Application Ideas	<ul style="list-style-type: none">• Core start-up and last lap closing of paper rolls.• Attaching identification and in-plant routing slips.• Butt splicing paper and cellulosic materials (temporary).• Threading off-machine coaters.
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 12 months from date of manufacture.
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ISO 9001:2008

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Printed in U.S.A.
©3M 2010 70-0709-5392-5 (12/10)