



Repulpable Double Coated Tape

R3227

Technical Data

December, 2010

Product Description 3M™ Repulpable Tape R3227 is a light-weight tissue coated on both sides with a new technology high tack, high shear strength, repulpable adhesive.

Product Construction	Adhesive	Liner	Color	Standard Roll Length
	High tack, repulpable	Easy release coated, semi-bleached kraft paper	Blue, White	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* Liner – Completely*
Tape Thickness:	3.0 mils (0.075 mm) without liner
Bonding Strength:	Delaminates most papers
Heat Resistance:	Excellent to 350°F (180°C) web temperature up to one minute on most paper grades**

*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).
- Packing in sealed plastic bags helps protect constant moisture content of unused tape.
- Water solubility and alkali dispersability are excellent and eliminate risk of contaminating the paper mill broke with non-repulpable materials.
- High adhesion to a wider variety of papers.
- Improved adhesion over a wider temperature range.
- Consistent year-round performance.
- Reduced need for multiple tapes.
- No need to remove splice from waste.
- Helps save labor.
- Prevents broke contamination caused by non-repulpable splice material.
- Helps increase value of waste paper.

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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 (3M™ PA1-B) or similar tool can help achieve the proper uniform pressure.

Application Ideas

- Core starting applications.
- Roll closing applications.
- Temporary splicing applications.
- Splicing at sheeters and all paper converting equipment.

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 12 months from date of manufacture.

Technical Information The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.

Product Use Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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