

Repulpable Double Coated Flying Splice Tape (High Strength)

907

Technical Data

August, 1995

Product Description 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.

Construction	Tissue	Adhesive	Liner	Roll Length
	High-strength, hemp fiber-reinforced	Blue-high tack, repulpable	Silicone-coated, repulpable, semi-bleached kraft paper	36 yds. (33 m)

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:	Tape – Completely* Liner – Completely*
Tape Thickness:	4 mils (0.1 mm) without liner
Bond Strength:	Delaminates most papers
Heat Resistance:	Excellent to 400°F (204°C) web temperature

*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.

Application Conditions

- 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 be effective in helping achieve the proper uniform pressure.

General Information

- Store in a clean dry place at 70°F (21°C) and 50% relative humidity in the sealed plastic bags until ready for use. For best results, use within one year of date of manufacture.
- Packing in sealed plastic bags helps assure constant moisture content of unused tape.
- 907 tape virtually eliminates the “human element” from flying splice adhesive operations. There are no “drying times,” “correct mixtures,” “too soft,” “too wet,” etc. which depend on operator performance or judgements.
- Water solubility and alkali dispersability are excellent and eliminate risk of contaminating the paper mill broke with non-repulpable material.
- Not recommended for finished roll splices or where oozing and bleeding can occur.

Repulpable Double Coated Flying Splice Tape (High Strength)

907

-
- Application Ideas**
- Flying pasters at off-machine coater (especially good for many very light and very heavy weight papers).
 - Splicing sized, or rough webs.

-
- Major Industries**
- Paper mills and non-woven web manufacturers

Features	Advantages	Benefits
• High tack adhesive formulation	• Excellent adhesion, even to many treated papers	• Strong splices
• High temperature capability	• Stable in dryers – less breaks	• Helps save time and money
• Strong tissue backing	• Reinforces leading edge of lightweight papers	• Reduces high speed tearing caused by billowing on stock roll
	• Facilitates easy tearing of paster pattern on heavy webs	• Faster, building of splice pattern – better leading edges
• Totally repulpable construction	• Splices do not contaminate waste paper No need to remove splice from broke	• Helps increase value of scrap • Helps save labor at mill
• Blue adhesive	• Easy-to-see splices	• Helps save time at OMC winder

For Additional Information

To request additional product information or to arrange for sales assistance, call 612-733-1441. Address correspondence to: 3M Industrial Tape and Specialties Division, 3M Center, Building 220-8E-04, St. Paul, MN 55133-3220. Our fax number is 612-733-5412. In Canada, phone: 1-519-451-2500. In Puerto Rico, phone: 1-809-750-3000. In Mexico, phone: 5-728-0400.

Important Notice

3M MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's method of application. Please remember that many factors can affect the use and performance of a 3M ITSD product in a particular application. The materials to be bonded with the product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M ITSD product. Given the variety of factors that can affect the use and performance of a 3M ITSD product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M ITSD product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

Limitation of Remedies and Liability

If the 3M product is proved to be defective, THE EXCLUSIVE REMEDY, AT 3M'S OPTION, SHALL BE TO REFUND THE PURCHASE PRICE OF OR TO REPAIR OR REPLACE THE DEFECTIVE 3M PRODUCT. 3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including negligence, warranty, or strict liability.

ISO 9002

This Industrial Tape and Specialties Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



Industrial Tape and Specialties Division

3M Center, Building 220-8E-04
P.O. Box 33220
St. Paul, MN 55133-3220



Recycled Paper
40% pre-consumer
10% post-consumer

Printed in U.S.A.
©3M 1995 70-0703-0618-1