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English-US
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Technical Data Sheet

3M™ Repulpable Splittable Flying Splice Tape R5348

Product Description

3M™ Repulpable Splittable Flying Splice Tape R5348 is a repulpable double coated tape laminated with an easy-release split liner.
Recommended for use with light to medium weight papers running through medium temperature ovens. Can also be used for flying spices of mid-to-high surface energy films.

Product Features

- Aggressive adhesives provide high performance across a wide variety of substrates.
- Fiber free splitting mechanism enables a smooth splice transition.
- Can save money by having a more consistent and efficient splice.
- High initial adhesion to newsprint, groundwood, paper, and other uncoated and coated sheets.
- Coatable and printable.
- Quick and easy application with no need for complex patterns and multiple tapes.
- Eliminates the possibility of small pieces of tape or butterfly tabs breaking off or sticking to the rollers or the CI drum.

Special Features:
- Ideal for off-line splice preparations and subsequent roll storage.
- Tape separates easily and smoothly without delaminating substrates.
- Engineered opening force for today's high speed presses.

Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Typical Physical Properties

Attribute Name	Test Method	Value
Backing Color		Splicing side - blue Tabbing side - clear
Color		Blue Clear
Adhesive Type		Repulpable adhesive
Repulpability	TAPPI UM-213, Procedure A	Yes
Backing		Repulpable paper
Temperature Resistance		Up to 180 °C (Up to 350 °F) [1]
Typical paper weight usage range		20-60 lb or higher [2]

[1] Web temperature: As tested in laboratory, results may vary depending on machine and web tensions, nature of paper surface, application pressure, etc. which are outside of 3M control.

[2] Depends on paper grade.

Attribute Name	Test Method	Value
Total Tape Thickness	ASTM D3652	0.11 mm (5 mil)
Post - Split Tabbing Tape Thickness		0.05 mm (2.2 mil)
Post - Split Splicing Tape Thickness		0.06 mm (2.5 mil)
Liner		Easy-release coated repulpable paper
Liner Thickness		0.06 mm (2.5 mil)

Typical Performance Characteristics

Attribute Name	Value
Short Term Temperature Resistance	180 °C (350 °F) [1]

[1] Short Term (minutes, hour)

Handling/Application Information

Application Examples

• Splittable flying splice tape is ideal for high speed newspaper and offset printing.
• Flying splice for cold paper stock 40°F (4°C), near freezing temperature.
• For optimum results, rub down tape with firm, even pressure to create the best possible adhesion between the tape and paper surface.
• Optimal application temperature range is: 40° to 100°F (4° to 38°C).

Storage and Shelf Life

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 12 months from date of manufacture.

Available Sizes - Detailed

37.5mm x 33m (11/2 in x 36 yd)
50mm x 33m (2 in x 36 yd)
50mm x 50m (2 in x 55 yd)

Information

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