



Technical Data Sheet

3M™ Splicing Tape for making newspaper flying splices 9990N



[Product Details](#)

Product Description

3M™ Splittable Flying Splice System 9990N is a double coated tape laminate with a low release split liner and a metalized layer for auto sensing the splice detection applications.

Product Features

The built-in Aluminum sensor within tape construction eliminates the need for the traditional reflective label needed for splice detection. The very soft splicing side adhesive is designed for good “instant grab” on uncoated newsprint.

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
Total Tape Thickness	ASTM D3652	0.14 mm (5.5 mil)
Splice Side Thickness After Splitting		0.08 mm (3.3 mil)
Reel Side Thickness After Splitting		0.05 mm (2.2 mil)
Liner Thickness Before Splitting		0.05 mm (2.2 mil)
Repulpability	TAPPI UM-213, Procedure A	The adhesives, carrier and liner are repulpable according to this test method
Bond Strength		Delaminates most papers
Temperature Resistance		Excellent to 180 °C (Excellent to 350 °F) ¹

¹ Web temperature on most newsprint papers

Typical Performance Characteristics

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

¹ Short Term (minutes, hour)

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

(1.5 inch and 2.0 inch) x 36 yards

Information

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