



Technical Data Sheet

3M™ Repulpable Single-Coated Tape R3127



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

3M™ Repulpable Tape R3127 is a single-sided paper tape coated with a patented, high tack transparent repulpable adhesive on one side and an easy release coating on the backside for smooth unwind.

Product Features

- Backing contains an easy-release coating
- Excellent tape repulpability
- Flatback paper
- Sealed plastic bags

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
Color		white
Total Tape Thickness	ASTM D3652	0.1 mm (4.2 mil)
Repulpability	TAPPI UM-213, Procedure A	Completely
Bond Strength		Delaminates most papers
Temperature Resistance		204 °C (400 °F) ¹

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.

Typical Performance Characteristics

Attribute Name	Test Condition	Value
Tensile Strength	Cross Direction	332 N/100mm (19 lb/in)
Tensile Strength	Machine Direction	490 N/100mm (28 lb/in)
Elongation at Break	Machine Direction	3 %
Elongation at Break	Cross Direction	3 %
Short Term Temperature Resistance		204 °C (400 °F) ¹

¹ Short Term (minutes, hour)

Handling/Application Information

Application Examples

- Core starting.
- Roll closing.
- Butt splicing many paper and cellulosic materials (temporary).
- Threading off-machine coater.
- Paper roll edge reinforcement.

Application Techniques

For optimum results, firm even rub down pressure should be applied to the tapes and paper to create the best possible adhesion between the adhesive and paper surface.

Storage and Shelf Life

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton. To obtain best performance, use this product within 12 months from date of manufacture.

Available Sizes

Attribute Name	Value
Standard Roll Length	55 m (60 yd)

Information

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ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

3M
Industrial Adhesives and Tapes Division
3M Center, Building 225-35-06
St. Paul, MN 55144-1000
800-362-3550

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