



# Technical Data Sheet

## 3M™ Repulpable Double-Coated Tape R3227



[Product Details](#)



[Regulatory Info/SDS](#)

### Product Description

3M™ Repulpable Tape R3227 is a double coated tape with paper carriers coated with a high tack, high shear strength, repulpable adhesive. This tape has a repulpable easy-release paper liners.

### Product Features

- High performance adhesive
- Stable product construction
- All components of the adhesive and backing meet the requirements of indirect food additive regulations as described under 21 CFR 176.170 (Components of paper and paperboard in contact with aqueous and fatty food) and 21 CFR 176.180 (Components of paper and paperboard in contact with dry foods).

### General Information

- Water and alkali dispersibility are excellent and eliminate risk of contaminating the paper mill broke with non-repulpable materials.
- Packing in sealed plastic bags helps protect constant moisture content of unused tape.
- Not intended for finished roll splices or light-weight porous papers where bleeding may occur.

### 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 Blue
Total Tape Thickness	ASTM D3652	0.09 mm (3.5 mil)
Repulpability	TAPPI UM-213, Procedure A	Tape - Completely Liner - Completely
Temperature Resistance		204 °C (400 °F) <sup>1</sup>

<sup>1</sup> 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	Value
Short Term Temperature Resistance	204 °C (400 °F) <sup>1</sup>

<sup>1</sup> Short Term (minutes, hour)

### Handling/Application Information

#### Application Examples

- Core starting.
- Roll closing.
- Temporary and pull through splicing on coated and uncoated papers and cellulosic materials.
- Splicing at sheeting and other paper converting operations.

## 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.

## Industry Specifications

21 CFR 176.170  
21 CFR 176.180

## 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.

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