



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) 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 | Value |
|-----------------------------------|------------------------------|
| Short Term Temperature Resistance | 204 °C (400 °F) ¹ |

¹ 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 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

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

Information

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ISO Statement

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