



# Repulpable Double-Coated Tapes

R3227 • R3257 • R3287 • R3287SL

Technical Data

March 2014

**Product Descriptions** 3M™ Repulpable Tapes R3227, R3257, R3287 and R3287SL† are double coated tapes with paper carriers coated with a high tack, high shear strength, repulpable adhesive. The tapes have repulpable easy-release paper liners.

Product Number	Product Name	Colors	Standard Roll Length
R3227	Repulpable Web Processing Double Coated Tape	White, Blue	55 m (60 yds)
R3257	Repulpable Heavy Duty Double Coated Tape	White	55 m (60 yds)
R3287	Repulpable Heavy Duty Double Coated Tape	White	55 m (60 yds)

† Split-linered versions of R3287

## Typical Physical Properties

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

Product	Tape Caliper	Repulpability*	Heat Resistance**	FDA Compliance***
R3227	3.5 mils (0.09 mm)	Tape – Completely Liner – Completely	400°F (180°C)	Yes
R3257	4.1 mils (0.11 mm)	Tape – Completely Liner – Completely	400°F (180°C)	Yes
R3287	5.4 mils (0.14 mm)	Tape – Completely Liner – Completely	400°F (180°C)	Yes

\*Repulpability determined according to TAPPI UM-213, Procedure A.

\*\*As tested in laboratory, however, heat resistance may depend on machine and web tensions, nature of paper surface and/or coatings, application pressure, etc. which are outside of 3M control.

\*\*\*All components of the adhesive and backing meet the requirements of indirect food additive regulations as described under CFR 21 176.10 (Components of paper and paperboards in contact with aqueous and fatty food) and 21 CFR 176.180 (Components of paper and paperboards in contact with dry foods).

**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.

## Application Ideas

- 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.

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- 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.

Features	Features	Advantages	Benefits
	<ul style="list-style-type: none"><li>• High performance adhesive</li></ul>	<ul style="list-style-type: none"><li>• High tack ensures fast, easy and reliable core starting</li><li>• High shear adhesive produces high strength splices</li></ul>	<ul style="list-style-type: none"><li>• Increased productivity</li><li>• Improved runnability</li></ul>
	<ul style="list-style-type: none"><li>• Stable product construction</li></ul>	<ul style="list-style-type: none"><li>• Works in cold and dry to hot and humid conditions</li></ul>	<ul style="list-style-type: none"><li>• Reliable performance in all climates</li></ul>

**Storage** Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 50% R.H. in the original carton.

**Shelf Life** To obtain best performance, use this product within 12 months from date of manufacture.

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