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3M™ Repulpable Single-Coated Tape R3127

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
- 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).



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

Property	Values		Test Condition	Method	Notes
Color	White, Blue, Kraft				
Tape Thickness	0.1 mm	4.2 mil			
Elongation at Break	3 %		Machine direction		
Elongation at Break	2 %		Cross direction		
Repulpability	Completely			TAPPI UM-213, Procedure A	
Heat Resistance	204 °C	400 °F			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

Tensile Strength		Test Condition
47.4 N/cm	672 oz/in	Machine direction
27.1 N/cm	384 oz/in	Cross direction

Property: Tensile Strength

Available Sizes

Property	Values	
Standard Roll Length	55 m	60 yd

Handling/Application Information

Application Ideas

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

Handling/Application Information (continued)

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.

Industry Specifications

21 CFR 176.170
21 CFR 176.180

Trademarks

3M is a trademark of 3M Company.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-Repulpable-Flatback-Tape-R3127?N=5002385+3293242588&rt=rud
Safety Data Sheet (SDS)	https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=R3127

Family Group

	R3127	R3177	R3187
Color	White, Blue, Kraft	White, Blue, Red	White, Blue, Kraft
Tape Thickness (mm)	0.1	0.16	0.19

ISO Statement

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

Information

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