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3M™ Performance Reinforced Water Activated Tape 6147

Product Description

3M™ Performance Reinforced Water Activated Tape 6147 is used for box sealing and other packaging applications. This product has a fiberglass reinforced paper backing and a high tack water activated adhesive system.

Product Features

- Recommended for sealing packages weighing a maximum of 45 lbs.
- Used for two C clips on cartons – top and bottom.
- Works well on recycled cartons and non-unitized loads.
- Construction assures a reliable performance in a range of environments and applications.
- Tape is available in kraft only.



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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	
Thickness	0.22 mm	8.5 mil
Adhesive	High Tack, Water Activated, modified Starch Based Adhesive	
Top Sheet	23 lbs/ream Natural Virgin Kraft or 30 lbs/ream white high strength virgin kraft	
Bottom Sheet	23 lbs/ream MG Natural High Strength Virgin Kraft	
Laminating Matl	Polypropylene based polymer laminant	

Reinforcement

3 Way Fiber Glass Reinforcing Pattern

- Pattern: Lengthwise threads with diamond cross-machine pattern
- Lengthwise Threads: 75 Denier Fiberglass -33/64" Spacing (2-1-1-2)
- Cross Machine Threads: 150 Denier Fiberglass – Diamond Pattern less than 1-1/4" spacing between threads

Typical Performance Characteristics

Tensile Strength		Test Condition
1051 to 1138 N/100mm	60 to 65 lb/oz	Machine direction
25 to 30 N/100mm	438 to 525 lb/oz	Cross direction

Property: Tensile Strength

Available Sizes

Property	Values	
Standard Roll Length	137 m	450 ft
Standard Width	76.2 mm	3 in
Packaging	10 rolls per case	

Handling/Application Information

Application Techniques

Semi-automatic application equipment is available. Application is most easily accomplished at room temperature. Once applied, the tape performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

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Storage and Shelf Life

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

Trademarks

3M is a trademark of 3M Company.

References

1. 3m.com Product Page
Url: https://www.3m.com/3M/en_US/company-us/all-3m-products/~//3M-Water-Activated-Paper-Tape-6147?N=5002385+3293194214&rt=rud
2. Safety Data Sheet
Url: https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=6147

ISO Statement

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

Technical Information

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