



3M™ Economy Reinforced Water Activated Paper Tape 6144

Last Revision Date: February, 2011

Product Description

3M™ Economy Reinforced Water Activated Paper Tape 6144 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 25 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.

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	Additional Information
Adhesive Type	High Tack, Water Activated, modified Starch Based Adhesive	
Thickness	0.12 mm (4.9 mil)	
Thickness	4.9 mil	
Top Sheet	23 lbs/ream Natural Virgin Kraft	
Bottom Sheet	23 lbs/ream MG Natural High Strength Virgin Kraft	
Laminating Matl	Polypropylene based polymer	
Fiber Reinforcement	3 Way Fiber Glass Reinforcing Pattern <ul style="list-style-type: none"> • Pattern: Lengthwise threads with diamond cross-machine pattern 	

- Lengthwise Threads: 110 Denier Fiberglass -5/8" Spacing (1-1-1-1-1)
- Cross Machine Threads: 150 Denier Fiberglass – Diamond Pattern less than 1-1/4" spacing between threads

Typical Performance Characteristics

Property	Values	Additional Information
Tensile Strength	788 to 876 N/100mm (45 to 50 lb/in, 22 to 27 N/100mm, 385 to 473 lb/in)	
Tensile Strength	45 to 50 lb/in	
Tensile Strength	22 to 27 N/100mm	
Tensile Strength	385 to 473 lb/in	

Available Sizes

Property	Values	Additional Information
Standard Roll Length	137 m (450 ft)	
Standard Roll Length	450 ft	
Standard Width	70 mm (2.8 in)	
Standard Width	2.8 in	
Packaging	10 rolls per case	

Storage and Shelf Life

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

Bottom Matter

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Trademarks

3M is a trademark of 3M Company.

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.

References

Property	Values
3m.com Product Page	https://www.3m.com/3M/en_US/company-us/all-3m-products/~3M-Water-Activated-Paper-Tape-6144/?N=5002385+3293194216&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=6144

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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