

More
carton sealing
choices
from 3M.



3M™ Water Activated Tape Systems:

Simplicity. Security. Value.

Easy handling...

3M™ Water Activated Tapes

Simplify your packing operations with a proven solution.

3M™ Water Activated Tapes are an easy, economical answer to a wide variety of basic carton sealing challenges.

- Moistened adhesive interacts with porous surfaces to form a powerful, secure bond
- Tape forms a tamper-evident seal that shreds if an attempt is made to pull it off before delivery
- Paper construction is easy to handle, making it ideal for hand applications
- Boxes are sealed secure, yet easy to open without cutting tools
- Coreless rolls reduce waste and simplify roll changes

Key Product Features

Non-Reinforced		Fiberglass Reinforced	
6141	Light Duty	6144	Up to 25 lb. Boxes
6142	Medium Duty	6145	Up to 30 lb. Boxes
6143	Heavy Duty	6146	Up to 35 lb. Boxes
		6147	Up to 40 lb. Boxes



3M™ Water Activated Tapes are available in both white and kraft and a variety of widths.



...easy dispensing.

3M™ Water Activated Tape Dispensers

With both electric and manual dispensers, you can choose the unit that best fits your carton sealing needs. Both dispensers have an extra large water bottle for fewer refills and greater productivity. Both can dispense tapes from 1 to 3 inches in width.

3M™ Electric Water Activated Dispenser W200

- Dispenses up to 45" of water activated tape at the push of a button
- Secondary shift push button extends the range up to 90" of tape
- Heated water reservoir speeds tape activation and improves adhesion in cooler packaging areas

3M™ Manual Water Activated Dispenser W100

- Manual lever dispenses tape up to 36" in length
- 12-gauge, all-metal base construction ensures long-term durability



Choose from either electric or manual dispensing systems.

You can **grow** with 3M.

When you're ready to move up to faster, more productive box sealing options, no company offers more choices or industry experience than 3M. With dozens of models designed for almost any case sealing situation, 3M-Matic™ Case Sealers can help make carton sealing simple, safe and efficient. Each model features our low-impact 3M™ AccuGlide™ Taping Heads with curvilinear track, ensuring that even lightweight corrugated cases are securely sealed without damage. 3M-Matic case sealers can help improve plant safety, reduce labor costs, decrease downtime and increase productivity.

The 3M-Matic™ Adjustable Case Sealer a20 is an adjustable, bottom-belt drive case sealer that dependably seals up to 30 cases of uniform size and shape per minute.



From 3M, a world leader in tape and adhesive technology

With 45 technology platforms and a culture of continuous innovation, 3M is known around the world for creating practical and ingenious solutions for almost every sphere of life.

February, 2011

3M™ Heavy Duty Water Activated Paper Tape 6143

Product Description

3M™ Heavy Duty Water Activated Paper Tape 6143 is used for box sealing and other packaging applications. This product has a paper backing and a gummed, high tack, water- activated, modified cornstarch based adhesive system.

Product Features

- Recommended for sealing medium weight corrugated boxes.
- 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 available in kraft only.



3M™ Heavy Duty Water Activated Paper Tape 6143

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		Method	Test Condition
Caliper	0.19 mm	7.5 mil	ASTM D645	
Basis Weight	90 lb/ream		ASTM D646	
Tear Strength	200 g		ASTM D1922	Machine Direction
Tear Strength	225 g		ASTM D1922	Cross Direction

Typical Performance Characteristics

Property	Values		Method
Tensile Strength	1016 N/100mm	58 lb/in	ASTM D5803

Available Sizes

Property	Values	
Standard Roll Length	114.3 m	375 ft
Standard Width	76.2 mm	3.0 in
Packaging	10 rolls per case	

3M™ Heavy Duty Water Activated Paper Tape 6143

Handling/Application Information

Application Techniques

Semi-automatic application equipment is available. Application 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.

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.

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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3M™ Heavy Duty Water Activated Paper Tape 6143

Product Selection and Use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

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