



Medium Duty Water Activated Paper Tape

6142

Technical Data

February, 2011

Product Description 3M™ Medium Duty Water Activated Paper Tape 6142 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 Construction **Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.**

Properties	Values	ASTM Test Method
Basis Weight (lbs/ream)	60	D 646
Caliper (mils)	5.5	D 645
Tensile Strength (lbs/inch) Machine Direction	44	D 5803
Tear Strength (grams) Machine Direction	125	D 1922
Cross Direction	180	

Recommended Application and Features

- Recommended for sealing light weight corrugated boxes.
- Used for two C clips on cartons – top and bottom.
- Works well on recycled cartons and non-unitized loads.
- Large 2" core for less curl.
- Construction assures a reliable performance in a range of environments and applications.
- Tape is available in white and kraft.

Available Sizes

Standard Width:	3.0 inches
Length:	600 feet
Packaging:	10 rolls per case

3M™ Medium Duty Water Activated Paper Tape

6142

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.
Shelf Life	To obtain best performance, use this product within 12 months from date of manufacture.
Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
Product 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. Given the variety of factors that can affect the use and performance of a 3M product, user is solely responsible for evaluating the 3M product and determining whether it is fit for a particular purpose and suitable for user's method of application.
Warranty, Limited Remedy, and Disclaimer	Unless an additional warranty is specifically stated on the applicable 3M product packaging or product literature, 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. If the 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement of the 3M product or refund of the purchase price.
Limitation of Liability	Except where prohibited by law, 3M will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.

ISO 9001:2008

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



Industrial Adhesives and Tapes Division

3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com/industrial



Recycled Paper
40% pre-consumer
10% post-consumer

3M is a trademark of 3M Company.
Printed in U.S.A.
©3M 2011 70071004124 (2/11)