



Medium Duty Reinforced Water Activated Tape

6146 Kraft

Technical Data

September, 2011

Product Description

3M™ Medium Duty Reinforced Water Activated Tape 6146 Kraft 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 Construction

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

Top Sheet: 30 lbs/ream Natural Virgin Kraft

Bottom Sheet: 23 lbs/ream MG Natural High Strength Virgin Kraft

Laminating Matl: Polypropylene based polymer

Reinforcement: 3 Way Fiber Glass Reinforcing Pattern

- Pattern: Lengthwise threads with diamond cross-machine pattern
- Lengthwise Threads: 110 Denier Fiberglass -19/32" Spacing (1-1-1-1-1)
- Cross Machine Threads: 150 Denier Fiberglass – Diamond Pattern less than 1-1/4" spacing between threads

Tensile Strength (lbs/inch):

Machine Direction: 60-65

Cross Direction: 25-30

Adhesive: High Tack, Water Activated, modified Starch Based Adhesive

Caliper: 6.5 mils

Recommended Application and Features

- Recommended for sealing packages weighing a maximum of 35 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.

Available Sizes

Standard Width: 72 mm

Length: 450 feet

Packaging: 10 rolls per case

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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.

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