



Light Duty Reinforced Water Activated Tape

6145 White • 6145 Kraft

Technical Data

February, 2011

Product Description 3M™ Light Duty Reinforced Water Activated Tape 6145 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: Tape 6145 White: 30 lbs/ream Bleached Virgin Kraft
Tape 6145 Kraft: 23 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 -5/8" 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: 52-57
Cross Direction: 24-29

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

Caliper: Tape 6145 White: 7.3 mils
Tape 6145 Kraft: 5.0 mils

Recommended Application and Features

- Recommended for sealing packages weighing a maximum of 30 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.

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.

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ISO 9001:2008

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