



# Technical Data Sheet

## 3M™ Heavy Duty Water Activated Paper Tape 6143



[Product Details](#)

### 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.

### 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

Attribute Name	Test Method	Test Condition	Value
Basis Weight	ASTM D646		41
Tear Resistance	ASTM D1922	Machine Direction	200 g
Tear Resistance	ASTM D1922	Cross Direction	225 g
Caliper	ASTM D645		0.19 mm (7.5 mil)

### Typical Performance Characteristics

Attribute Name	Test Method	Value
Tensile Strength	ASTM D5803	1016 N/100mm (58 lb/in)

### 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

Store under normal conditions of 16° to 27°C (60° to 80°F) and 40 to 60% relative humidity in the original packaging, out of direct sunlight. For best performance, use this product within 12 months from date of manufacture.

### Available Sizes

Attribute Name	Value
Packaging	10 rolls per case
Standard Roll Length	114.3 m (375 ft)
Standard Width	76.2 mm (3 in)

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## **ISO Statement**

This product was manufactured under a 3M quality system registered to ISO 9001 standards.

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