



## Technical Data Sheet

### 3M™ Scotch® Performance Paper Box Sealing Tape 570

#### Product Description

Scotch® Performance Paper Box Sealing Tape 570 is an ideal alternative to conventional box sealing tapes when sustainability is a priority. This product is optimal for palletized and lightweight, single-parcel shipments. This construction has a strong paper backing and solvent-free hot melt adhesive designed to provide a secure seal on cartons containing high levels of recycled content.

#### Product Features

- Recycle-compatible when left on the box according to Western Michigan University (WMU) Recyclability testing.
- Comprised of a solvent-free hot melt adhesive and a strong backing made from responsibly sourced paper.
- Reliably adheres to various surfaces, including cartons with high levels of recycled content.
- Equally applicable for manual use and machine/automated processes.

#### 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	Value
Color		Brown
Adhesive Type		Pressure sensitive hot melt rubber-resin
Backing		Kraft Paper
Backing Thickness	ASTM D3652	0.09 mm (3.6 mil)
Total Tape Thickness	ASTM D3652	0.119 mm (4.7 mil)

#### Typical Performance Characteristics

Substrate: Stainless Steel  
Temperature: 22 °C (72 °F)  
Dwell Time: 72 h

Attribute Name	Test Method	Value
180° Peel Adhesion	ASTM D3330	104 N/100mm (95.0 oz/in) <sup>1</sup>

<sup>1</sup> 12 in/min (300 mm/min)

Attribute Name	Test Method	Test Condition	Substrate	Value
Elongation at Break	ASTM D3759			3 %
Tensile Strength	ASTM D3759	Machine Direction		754 N/100mm (43 lb/in)
Holding Power	ASTM D3654		Fiberboard	620+ min

## **Handling/Application Information**

### **Application Techniques**

An extensive line of application equipment including hand-held manual dispensers and semi-automatic and fully automatic equipment is available. Application of Scotch® Performance Paper Box Sealing Tape 570 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Performance Paper Box Sealing Tape 570 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 4° to 27°C (40° to 80°F) and 40 to 50% 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**

<b>Attribute Name</b>	<b>Value</b>
Core Size (ID)	76.2 mm (3 in)
Standard Roll Length	50, 500 m (55, 547 yd)
Standard Width	48, 72 mm (1.9, 2.8 in)

### **Information**

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### **ISO Statement**

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

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