



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) ¹

¹ 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

Attribute Name	Value
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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