



# Technical Data Sheet

## 3M™ Scotch® High Performance Box Sealing Tape 373



[Product Details](#)



[Regulatory Info/SDS](#)

### Product Description

Scotch® Box Sealing Tape 373 is a high performance packaging tape used for box sealing, splicing, recoupage and other demanding packaging applications. This product has a heavy duty, conformable backing and the most consistent pressure sensitive hot melt adhesive system available. This time proven construction assures high performance in a wide range of environments and applications.

### Product Features

- Adheres instantly to most surfaces including cartons containing high levels of recycled content.
- Heavy duty, conformable backing with higher edge tear and split resistance.

### 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		Blue, clear, green, orange, red, tan, white, and yellow
Adhesive Type		Pressure sensitive hot melt rubber-resin
Backing		Biaxially oriented polypropylene film
Backing Thickness	ASTM D3652	0.041 mm (1.6 mil)
Total Tape Thickness	ASTM D3652	0.064 mm (2.5 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	54.7 N/100mm (50.0 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			160 %
Tensile Strength	ASTM D3759	Machine Direction		525 N/100mm (30 lb/in)
Tensile Strength	ASTM D3759	Cross Direction		1051 N/100mm (60 lb/in)
Holding Power	ASTM D3654		Fiberboard	8,000+ 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® Box Sealing Tape 373 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 373 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 18 months from date of manufacture.

### **Available Sizes**

<b>Attribute Name</b>	<b>Value</b>
Core Size (ID)	76.2 mm (3 in)
Note	Custom widths available upon request.
Standard Roll Length	50, 100, 914, 1500 m (55, 109, 1000, 1641 yd)
Standard Width	36, 48, 72 mm (1.4, 1.9, 2.8 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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