



# Technical Data Sheet

## 3M™ Scotch® Government Certification Box Sealing Tape 351



[Product Details](#)



[Regulatory Info/SDS](#)

### Product Description

Scotch® Box Sealing Tape 351 is a superior performance packaging tape used for box sealing, splicing, recoupage and other demanding government packaging applications. This product has a strong, abrasion resistant backing and a very consistent, pressure sensitive hot melt adhesive system available. This time proven construction assures superior performance in a wide range of environments and applications.

### Product Features

- Pressure sensitive hot melt rubber-resin adhesive.
- Adheres instantly to most surfaces including cartons containing high levels of recycled content.
- Strong, abrasion resistant backing with high edge tear and split resistance.
- Meets ASTM D5486 Type I, Class 2. Can be certified to Fed. Spec. PPP-T-60E, Amend. 2, Type III, Class 2 (clear), CID A-A-1830B (clear) upon request.
- Superior performance ensures reliable closures.

### 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		Clear
Adhesive Type		Pressure sensitive hot melt rubber-resin
Backing		Biaxially oriented polyester film
Backing Thickness	ASTM D3652	0.051 mm (2 mil)
Total Tape Thickness	ASTM D3652	0.087 mm (3.43 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	85.4 N/100mm (78.0 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			130 %
Tensile Strength	ASTM D3759	Machine Direction		1173 N/100mm (67 lb/in)
Tensile Strength	ASTM D3759	Cross Direction		1208 N/100mm (69 lb/in)
Holding Power	ASTM D3654		Fiberboard	14,000+ 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 351 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 351 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

### **Industry Specifications**

- Can be certified to Fed. Spec. PPP-T-60E, Amend. 2, Type III, Class 2 (clear) upon request.
- Can be certified to CID A-A-1830B (clear) upon request.

### **Storage and Shelf Life**

Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended. To obtain 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 m (55, 109 yd)
Standard Width	48, 72 mm (1.9, 2.8 in)

### **Information**

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### **ISO Statement**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

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