



Technical Data Sheet

3M™ Scotch® Industrial Cold Temperature Box Sealing Tape 3721



[Product Details](#)



[Regulatory Info/SDS](#)

Product Description

Scotch® Box Sealing Tape 3721 is an industrial cold temperature packaging tape for use at refrigeration temperatures, or at room temperature with subsequent storage at low temperatures. This product has a conformable backing and a consistent pressure sensitive, hot melt adhesive system, which is chemically acceptable by the USDA for use on packaging material having minimal contact with meat or poultry food products prepared under federal inspection.

Product Features

- Pressure sensitive hot melt rubber-resin adhesive modified for use at colder temperatures.
- Adheres instantly to a variety of surfaces between 30°F and 40°F (-1°C and 4°C).
- Conformable backing.
- Edge tear and split resistance.
- Acceptable by the USDA on packaging material having minimal contact with meat or poultry products.
- Roll to roll consistency increases productivity for improved unit costs.

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	Substrate	Value
Color			Clear
Adhesive Type			Pressure sensitive hot melt rubber-resin
Backing			Biaxially oriented polypropylene film
Holding Power	ASTM D3654	Fiberboard	8,500+ min
Backing Thickness	ASTM D3652		0.03 mm (1.2 mil)
Total Tape Thickness	ASTM D3652		0.053 mm (2.1 mil)

Typical Performance Characteristics

Attribute Name	Test Method	Dwell Time	Temperature	Test Condition	Substrate	Value
180° Peel Adhesion	ASTM D3330	72 h	22 °C (72 °F)		Stainless Steel	56.9 N/100mm (52.0 oz/in) ¹
Elongation at Break	ASTM D3759					160 %
Tensile Strength	ASTM D3759			Machine Direction		385 N/100mm (22 lb/in)
Tensile Strength	ASTM D3759			Cross Direction		771 N/100mm (44 lb/in)
Holding Power	ASTM D3654				Fiberboard	8,500+ min

¹ 12 in/min (300 mm/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. Scotch® Box Sealing Tape 3721 has been applied to fiberboard boxes with good results at refrigeration temperatures of 32°F to 50°F (0°C to 10°C). Once applied, Scotch® Tape 3721 performs well on fiberboard boxes subjected to temperatures below 32°F (0°).

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

Attribute Name	Value
Core Size (ID)	76.2 mm (3 in)
Standard Roll Length	1500 m (1641 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.

3M
Closure and Masking Systems Division
3M Center, Building 225-3S-06
St. Paul, MN 55144-1000
800-362-3550 • 877-369-2923 (Fax)
www.3M.com

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