

Scotch® Industrial Cold Temperature Box Sealing Tape



3721

Technical Data

January, 2011

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.

Construction	Backing	Adhesive	Color
	Biaxially oriented polypropylene film	Pressure sensitive hot melt rubber-resin	Clear

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

		ASTM Test Method
Adhesion to Steel:	52 oz./in. width (57 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	22 lbs./in. width (386 N/100 mm width)	D-3759
Cross Direction:	44 lbs./in. width (771 N/100 mm width)	D-3759
Elongation at Break:	160%	D-3759
Thickness - Backing:	1.2 mil (0.030 mm)	D-3652
Total:	Nominal 2.1 mil (0.053 mm)	D-3652
Holding Power to Fiberboard:	8,500+ minutes	D-3654

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.
- Meets FDA requirements for indirect food contact.

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Available Sizes	Standard Widths:	48 mm
	Core Size (ID):	3 in.
	Lengths:	100 m, 914 m

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°).
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Storage Conditions	Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.
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Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.
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Technical Information	The technical information, recommendations and other statements contained in this document are based upon tests or experience that 3M believes are reliable, but the accuracy or completeness of such information is not guaranteed.
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ISO 9001:2008

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2008 standards.



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Printed in U.S.A.
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