

Scotch®



Performance Cold Temperature Box Sealing Tape

3533

Technical Data

February, 2003

Product Description

Scotch® Box Sealing Tape 3533 is a durable performance packaging tape designed for single strip closure of regular slotted containers (RSCs) at low temperature, or at room temperature with subsequent storage at refrigeration temperatures. The tape features a long aging adhesive that is 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	Colors
3M™ Scotchpar™ polyester film	Pressure sensitive acrylic adhesive	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:	25 oz./in. width (27 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	25 lbs./in. width (438 N/100 mm width)	D-3759
Cross Direction:	30 lbs./in. width (525 N/100 mm width)	D-3759
Elongation at Break:	110%	D-3759
Thickness - Backing:	1.0 mil (0.025 mm)	D-3652
Total:	2.0 mil (0.051 mm)	D-3652

Features

- Pressure sensitive acrylic adhesive.
- Excellent UV resistance and long aging properties.
- Adheres well to a wide variety of surfaces instantly between 30°F and 40°F (-1°C and 4°C).
- Accepted by USDA on packaging material having minimal food contact.
- Complies with the environmental considerations of ASTM D1974-92.
- High tear and abrasion resistance.
- High performance ensures reliable closures.

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Available Sizes	Standard Widths:	42 mm, 48 mm Custom widths available upon request.
	Core Size (ID):	3 in.
	Lengths:	50 m and 914 m,

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 3533 can be accomplished over a broad range of temperatures. Levels of performance will vary depending on such factors as application technique and surface conditions.

Storage Conditions Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.

Precautionary Information Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577 or (651) 737-6501.

For Additional Information To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit www.3M.com/packaging. Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55106. Our fax number is 651-733-9175. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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Industrial Business
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