

# Scotch® High Performance Cold Temperature Box Sealing Tape 3723



Technical Data

July, 2007

**Product Description** Scotch® Box Sealing Tape 3723 is a high performance packaging tape for application 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 product prepared under federal inspection.

Construction	Backing	Adhesive	Colors
	Biaxially oriented 3M™ Scotchpro™ 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:	45 oz./in. width (49 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	30 lbs./in. width (525 N/100 mm width)	D-3759
Cross Direction:	60 lbs./in. width (1050 N/100 mm width)	D-3759
Elongation at Break:	160%	D-3759
Thickness - Backing:	1.6 mil (0.041 mm)	D-3652
Total:	3.0 mil (0.076 mm)	D-3652
Holding Power to Fiberboard:	12,000+ minutes	D-3654

## Features

- Pressure sensitive hot melt rubber-resin adhesive modified for use at colder temperatures.
- 3M™ Scotchpro™ biaxially oriented polypropylene backing.
- Adheres to a wide variety of surfaces instantly between 30°F and 40°F (-1°C and 4°C); secured closures maintained below 32°F (0°C).
- Heavy-duty conformable backing with higher edge tear and split resistance.
- Accepted by USDA on packaging material having minimal contact with meat or poultry products.
- Complies with the environmental considerations of ASTM D 1974-92.
- High performance ensures reliable closures.

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<b>Available Sizes</b>	Standard Widths:	36 mm, 48 mm, 72 mm Custom widths available upon request.
	Core Size (ID):	3 in.
	Lengths:	50 m, 914 m

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**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 3723 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 3723 performs well on fiberboard boxes subjected to temperatures below 32°F (0°C).

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**Storage** Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton.

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**Shelf Life** To obtain best performance, use this product within 18 months from date of manufacture.

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