

# Scotch® High Tack Box Sealing Tape 3743



**Technical Data**

**July, 2009**

**Product Description** Scotch® Box Sealing Tape 3743 is a high-tack packaging tape used for box sealing, splicing, recoupage and other demanding packaging applications. This product has a heavy-duty, conformable backing and a high-tack, pressure-sensitive hot melt adhesive system. This construction assures high performance in a wide range of environments and applications, especially where high initial adhesion is needed, such as on recycled fiberboard or other hard-to-stick-to surfaces.

Construction	Backing	Adhesive	Colors
	Biaxially oriented 3M™ Scotchpro™ polypropylene film	Pressure sensitive hot melt rubber-resin	Clear, tan

**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:	43 oz./in. width (47 N/100 mm width)	D-3330
Tack, Rolling Ball:	0.25 in. (6.3 mm)	D-3121
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:	2.6 mil (0.066 mm)	D-3652

**Features**

- Meets CID A-A-1684B.
- Adheres instantly to most surfaces including cartons containing high levels of recycled content.
- Provides greater instant adhesion with light rub down on under-packed cartons.
- Heavy-duty, conformable backing with higher edge tear and split resistance.
- Complies with the environmental considerations of ASTM D 1974-92.
- High performance ensures reliable closures.

**Available Sizes**

Standard Widths:	48 mm, 72 mm
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 3743 may be applied to fiberboard boxes at temperatures of down to 40°F (4°C). Once applied, Scotch® Tape 3743 should perform well on fiberboard boxes subjected to temperatures below 32°F (0°C).

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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 9001:2000**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.

## 3M

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