

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

Biaxially oriented 3M™ Scotchpro™ polypropylene film

Adhesive

Pressure sensitive hot melt rubber-resin

Colors

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).
Storage Conditions	Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.
Shelf Life	To obtain best performance, use this product within 18 months from date of manufacture.
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ISO 9001:2000

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