

ScotchÒ

Performance BOPP Low Noise Box Sealing Tape 3707

Product Data Sheet

Updated : July 2000
Supersedes : February 1998

Product Description

3707 is a performance box sealing tape with a polypropylene film backing and solvent (natural rubber-resin) adhesive. The Scotchpro™ polypropylene backing resists splitting when subjected to rough handling and absorbs impact shock. The adhesive is specifically formulated to provide reduced noise during application (< 72 dB(A) at 20 M/min) and good adhesion to fibreboard.

Applications

Suitable for single strip closure of medium weight fibreboard boxes, re-sealing and miscellaneous packaging where low noise is a requirement. Ideally, # 3707 is best applied at room temperature and onto clean dry dust free fibreboard surfaces. Once applied, this product performs well throughout all temperatures typically encountered by packaged products in shipping and storage environments, including deep freeze conditions.

Physical Properties

Not for specification purposes

Adhesive Type	Pressure sensitive solvent (natural rubber resin)
Backing	35 micron bi-axially oriented Scotchpro™ polypropylene
Total Thickness	55 micron
Colour	Transparent, White, Tan
Storage Conditions	Store behind present stock, in a clean dry place. Temperature of 64 - 70°F (18-21°C) & 40-50% Relative Humidity are recommended. Under correct storage conditions the tape maintains its characteristics for one year (shelf life).

Recommended Dispensers

Hand Held : H-180 (50mm), H-183 (75mm)

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 Scotch® Performance BOPP
 Low Noise Box Sealing Tape
 3707

Performance Characteristics Not for specification purposes	Adhesion to Steel	1.1 N/10 mm
	Tensile Strength at Break	60 N/10mm
	Elongation at Break AFERA 4005	150 %
	Static Shear	4,500+ minutes
	Noise of Unwind	< 72 dB(A) at 20 m/min

Features/Advantages/ Benefits	Features	Advantages	Benefits
	Durable Bi-axially Oriented Polypropylene Backing	Resists splitting when subjected to rough handling and absorbs impact shock	Reduces failures in box sealing applications. Helps assure safe delivery of product
	Solvent Natural Rubber Resin Adhesive	Good adhesion to fibreboard surfaces	Helps reduce failures in box sealing and package closure applications
		No dwell time necessary, adheres immediately	Reduces operator fatigue and is suitable for machine applications
	Special Adhesive Formulation	Reduces Noise during application	Improves operator comfort

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Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.



Tapes & Adhesives

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