

3750 Scotch™ Brand Superior Performance Box Sealing Tape

A superior performance packaging tape used for box sealing, splicing, recooperage and other demanding packaging applications. This product has the strongest conformable backing and the most consistent pressure sensitive hot melt adhesive system available. This time proven construction assures superior performance in a wide range of environments and applications.

Product Features

- * Pressure Sensitive Hot Melt Rubber Resin Adhesive
- * Scotchpro™ Biaxially Oriented Polypropylene Backing
- * Clear and Tan
- * Meets CID A-A-1684B

Product Advantages

- * Adheres instantly to most surfaces including cartons containing high levels of recycled content
- * The strongest conformable backing with the highest edge tear and split resistance
- * Complies with the environmental considerations of ASTM D 1974-92

Product Benefits

- * Superior performance ensures reliable closures
- * Roll to roll consistency increases productivity for unit costs

Manufacturing Consistency

State of the art processes for film making, adhesive coating and pressure sensitive tape converting lead to the most consistent and reliable product available in the market today.

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Construction

Backing:	Biaxially oriented Scotchpro™ polypropylene film
Adhesive:	Pressure sensitive hot melt rubber resin.
Colors:	Clear and Tan

Typical Physical Properties (Not recommended for specification purposes)

<u>ASTM Test Method</u>		
Adhesion to Steel:	55 oz./in. width (60 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	35 lbs./in. width (613 N/100 mm width)	D-3759
Cross Direction:	70 lbs./in. width (1226 N/100 mm width)	D-3759
Elongation at Break:	160 %	D-3759
Tape Thickness - Backing:	2.0 mil (0.051 mm)	D-3652
- Total:	3.1 mil (0.081 mm)	D-3652
Holding Power to Fiberboard:	12,000 + minutes	D-3654

Available Widths

Standard widths:	1 1/2", 1 3/4", 2", 3"
Core Size (ID)	3"

Available Lengths

60 yards (55 m)

Application

An extensive line of application equipment including hand held manual dispensers and semi-automatic and fully automatic equipment is available. Application of #3750 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, #3750 performs well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage environments.

Storage Conditions

Store in a clean dry place. Temperature of 40-80 degrees Fahrenheit (4-26 degrees Celsius) and 40-50 percent relative humidity are recommended.

Technical Data: All physical properties, statements, and recommendations are based either on tests we believe to be reliable or our experience, but they are not guaranteed. 3M recommends each user determine the suitability of the product for the intended use.

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