

Scotch® Industrial Continuous Taping System Tape 3781



Technical Data

January, 2011

Product Description Scotch® Taping System Tape 3781 is an industrial continuous packaging tape used for box sealing and specially designed for use with the 3M-Matic™ Continuous Taping Systems (CTS) stand. This product has a conformable backing and a consistent pressure sensitive hot melt adhesive system for a construction that assures a reliable performance in a range of environments and applications.

Construction	Backing	Adhesive	Colors
	Biaxially oriented 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:	40 oz./in. width (44 N/100 mm width)	D-3330
Tensile Strength:		
Machine Direction:	22 lbs./in. width (385 N/100 mm width)	D-3759
Cross Direction:	44 lbs./in. width (771 N/100 mm width)	D-3759
Elongation at Break:	160%	D-3759
Thickness - Backing:	1.2 mil (0.030 mm)	D-3652
Total:	1.9 mil (0.048 mm)	D-3652
Holding Power to Fiberboard:	3,500 + minutes	D-3654

*Based on limited production. As sufficient production data is gathered, a revised data sheet will be issued.

Features

- Special design allows for continuous taping when used with 3M-Matic CTS stands and case sealers.
- Adheres instantly to a variety of surfaces.
- Conformable backing with edge tear and split resistance.
- Good adhesion to fiberboard.

Available Sizes

Standard Widths:	48 mm
Core Size (ID):	3 in.
Lengths:	1500 m

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Application Techniques This tape is designed for use with 3M-Matic™ CTS stands and other 3M-Matic™ case sealing equipment. Application of Scotch® Taping System Tape 3781 is most easily accomplished at room temperature because at colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, Scotch® Tape 3781 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°F (4-26°C) and 40 to 50% relative humidity are recommended.

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 9001:2008

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