

# Scotch® Industrial Continuous Taping System Tape 3781



Technical Data

May, 2003

**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.
- Complies with the environmental considerations of ASTM D 1974-92.

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<b>Available Sizes</b>	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.

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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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**For Additional Information** To request additional product information or to arrange for sales assistance, call toll free 1-800-362-3550 or visit [www.3M.com/packaging](http://www.3M.com/packaging). Address correspondence to: 3M Industrial Adhesives and Tapes Division, Building 21-1W-10, 900 Bush Avenue, St. Paul, MN 55144-1000. Our fax number is 651-778-4244. In Canada, phone: 1-800-364-3577. In Puerto Rico, phone: 1-787-750-3000. In Mexico, phone: 52-70-04-00.

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This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9002 standards.



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