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## 3M™ Scotch® Industrial Continuous Taping System Tape 3781

### 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.

### Product 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.



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## Technical Information Note

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

## Typical Physical Properties

Property	Values		Method
Color	Clear		
Total Tape Thickness	0.048 mm	1.9 mil	ASTM D3652
Backing Thickness	0.030 mm	1.2 mil	ASTM D3652
Backing	Biaxially oriented polypropylene film		
Adhesive	Pressure sensitive hot melt rubber-resin		
Holding Power to Fiberboard	3,500+ min		ASTM D3654

## Typical Performance Characteristics

Property	Values		Method	Substrate
Peel Adhesion	43.8 N/100mm	40 oz/in	ASTM D3330	Stainless Steel
Elongation at Break	160 %		ASTM D3759	
Note	Based on limited production. As sufficient production data is gathered, a revised data sheet will be issued.			

Tensile Strength		Test Condition
385 N/100mm	22 lb/in	Machine Direction
771 N/100mm	44 lb/in	Cross Direction

Property: Tensile Strength  
Method: ASTM D3759

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## Available Sizes

Property	Values	
Standard Length	1500 m	1641 yd
Standard Width	48 mm	1.9 in
Core Size (ID)	76.2 mm	3 in

## Handling/Application Information

### 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 and Shelf Life

Store in a clean, dry place. Temperature of 40-80°F (4-26°C) and 40 to 50% relative humidity are recommended.

### Trademarks

Scotch is a registered trademark of 3M.  
3M-Matic is a trademark of 3M.

### References

Property	Values
3m.com Product Page	<a href="https://www.3m.com/3M/en_US/company-us/all-3m-products/-/Scotch-Continuous-Taping-System-Tape-3781?N=5002385+3293193730&amp;rt=rud">https://www.3m.com/3M/en_US/company-us/all-3m-products/-/Scotch-Continuous-Taping-System-Tape-3781?N=5002385+3293193730&amp;rt=rud</a>
Safety Data Sheet (SDS)	<a href="https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=3781">https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&amp;msdsLocale=en_US&amp;co=ptn&amp;q=3781</a>

### ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

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