Scotch® Performance Continuous Taping System Tape

3M

3782 • 3785

Technical Data	December, 2010
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Product Description

Scotch® Performance Continuous Taping System Tapes 3782 and 3785 are packaging tapes used for box sealing and specially designed for use with the 3M-MaticTM Continuous Taping System (CTS) stand. These tapes have a strong, conformable backing and a consistent pressure sensitive hot melt adhesive system. This time-proven construction assures a reliable performance in a wide range of environments and applications.

Construction	Backing	Adhesive	Colors
	Biaxially oriented polypropylene film	Pressure sensitive hot melt rubber-resin	Clear

Typical Physical Properties		ote: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.			
	Scotch® Tape 3782	Scotch® Tape 3785	ASTM Test Method		
Adhesion to Steel:	45 oz./in. width (49 N/100 mm width)	55 oz./in. width (60 N/100 mm width)	D-3330		
Tensile Strength:					
Machine Direction:	26 lbs./in. width (455 N/100 mm width)	35 lbs./in. width (613 N/100 mm width)	D-3759		
Cross Direction:	52 lbs./in. width (910 N/100 mm width)	70 lbs./in. width (1226 N/100 mm width)	D-3759		
Elongation at Break:	160%	160%	D-3759		
Thickness -Backing: Total:	1.4 mil (0.035 mm) 2.2 mil (0.056 mm)	2.0 mil (0.051 mm) 3.1 mil (0.079 mm)	D-3652 D-3652		
Holding Power to Fiberboard:	6,000 + minutes	12,000 + minutes	D-3654		

Features

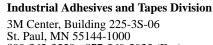
- Meets CID A-A-1684B.
- Special design allows for continuous taping when used with 3M-MaticTM stands and case sealers.
- Adheres instantly to most surfaces including cartons containing various levels of recycled content.
- Strong, heavy duty, conformable backing with high edge tear and split resistance.
- Reliable closures.

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Available Sizes		Scotch® Tape 3782	Scotch® Tape 3785		
	Standard Widths:	48 mm	48 mm		
	Core Size (ID):	3 in.	3 in.		
	Lengths:	1500 m	1500 m		
Application Techniques	These tapes are designed for use with 3M-Matic TM CTS stands and other 3M-Matic TM case sealing equipment. Application of Scotch® Performance Continuous Taping System Tapes 3782 and 3785 is most easily accomplished at room temperature. At colder temperatures, approaching 32°F (0°C), the adhesive becomes more firm. Once applied, the tapes perform well throughout the normal temperature ranges typically encountered by packaged products in shipping and storage requirements.				
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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