



# Scotch® Tape 3500

## High Performance Polyester Box Sealing Tape

Product Data Sheet

12/2005

**Product Description** 3500 is a high performance box sealing tape with a polyester film backing and hot melt solvent free (synthetic rubber/resin) adhesive. The heavy duty polyester backing offers high impact strength and excellent abrasion and moisture resistance. The adhesive is specifically formulated to provide high initial tack and shear adhesion to fibreboard.

**Physical Properties**  
Not for specification purposes

<b>Adhesive Type</b>	Pressure sensitive hot melt solvent free (synthetic rubber/resin)	
<b>Backing</b>	36 micron (0.036mm) polyester	
<b>Total Thickness</b>	64 micron (0.064mm)	AFERA 4006
<b>Colour</b>	Transparent, tan	
<b>Available Widths / Available Lengths</b>	Contact your local sales office	
<b>Core Size (ID)</b>	76mm (3")	
<b>Storage Conditions</b>	Store behind present stock, in a clean dry place. Temperature of 18-21°C (64-70°F) & 40-50% Relative Humidity are recommended. Rotate you stock. Under correct storage conditions the tape maintains its characteristics for one year (shelf life).	

**Performance Characteristics**  
Not for specification purposes

<b>Adhesion to Stainless Steel</b>	6.5 N/cm	AFERA 4001
<b>Tensile Strength</b>	80 N/cm	AFERA 4004
<b>Elongation at Break</b>	170%	AFERA 4005
<b>Static Shear</b>	6,000 + minutes	AFERA 4012
<b>Available Widths / Available Lengths</b>	Contact your local sales office	
<b>Application</b>	Best applied at room temperature onto a clean, dry, dust-free fibreboard surface. Once applied the product performs well throughout all temperatures typically encountered by packaged products in shipping and storage environments – including deep freeze.	

**Note:**

Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

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