

## TECHNICAL DATA

Carton Sealing Tape for Hand Held Dispensers,  
Semi-Automatic and Automatic Machines

## Product Description

- **Vibac™ 500 / 5000 Clear and 501 / 5001 Tan** are General Purpose packaging tapes which primary uses are for carton sealing, splicing, bundling, and other packaging applications. These products have a conformable film backing coupled with a consistent pressure sensitive hot melt adhesive coating. **Vibac™ 500 Clear and 501 Tan Series is suitable for usage with hand held dispensers. Vibac™ 5000 Clear and 5001 Tan machine Series is specifically manufactured for use on semi-automatic and automatic carton sealers.**

## Performance Features

- Adheres instantly to corrugated, paper, plastic films and a number of surfaces
- Good edge tear and split resistance
- Good adhesion to fiberboard
- Reliable closures
- Meets CID A-A-1684C
- Complies with environmental considerations of ASTM D 1974-92
- ROHS compliant
- Roll to roll consistency increases productivity and provides improved unit costs

Recommended  
Storage Conditions

- Store in original packaging in a clean dry place away from direct sunlight. Temperature of 40-80°F (4-26°C) and relative humidity of 40 to 50% is recommended.



Physical Properties	Standard	Metric	ASTM test Method
Thickness - Backing (BOPP)	0.96 mils	0.024 mm	D3652
Thickness - Total	1.61 mils	0.041 mm	D3652
Adhesion to Steel	46 oz/in	49 N/100 mm	D3330
Tack, Rolling Ball - Maximum	<0.78 in	<20 mm	D3121
Elongation at Break	165%	165%	D3759
Tensile Strength (longitudinal direction)	22 lbs/in	385 N/100 mm	D3759
Tensile Strength (transverse direction)	38 lbs/in	668 N/100 mm	D3759
Holding Power to Fiberboard	1000+minutes	1000+minutes	D3654
Service Temperature - Minimum	30°F	-2°C	N/A
Service Temperature - Maximum	140°F	60°C	N/A
Application Temperature - Minimum	50°F	10°C	N/A
Application Temperature Maximum	110°F	43°C	N/A
Standard Widths	36mm, 48mm, 72mm, 96mm, 144mm		
Standard Lengths - Hand Rolls	50m, 66m, 100m, 132m, 150m, 200m		
Standard Lengths - Machine Rolls	914m, 1371m, 1500m, 1828m		



## North America

12 250 boul. Industriel  
Montreal, Quebec, Canada H1B 5M5  
Tel.: 514 640-0250  
Fax: 514 640-6702  
e-mail: sales@vibac.com  
www.vibacgroup.com

The above properties and results obtained refer to the average values of laboratory testing carried out on the sample VIBAC® product. VIBAC® does not guarantee testing accuracy and makes no guarantee of product performance, safety, or suitability, either expressed or implied, when used alone or in combination with other products. VIBAC® strongly urges users to undertake independent testing in order to verify the suitability of the product for whatever intended use. VIBAC® assumes no responsibility for any damage or injury sustained as a result of the use of its products.



## VIBAC™ 500-5000 CLEAR / 501-5001 TAN

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This product is manufactured by a certified C-TPAT member under a quality system registered to ISO 9001 : 2000 and ISO 14001 : 2004 standards