

# E. L. HATTON SALES CO.

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## Product Information Bulletin

### PRODUCT: **BANNER UPS** ***PowerTape®***

**Product Description:** Banner Ups *PowerTape®* consists of a lamination of high strength engineered polymer film with a high performance, high tack, rubber-based, double-coated, pressure-sensitive adhesive. The tape, used in conjunction with Banner Ups *PowerTabs®*, is laminated to the top and bottom edge of banners, over the tabs. Ropes are fastened to holes punched through the tape, tab, and banner media to maximize tensile strength of the banner.

#### TAPE FILM PROPERTIES

	<u>UNITS</u>	<u>VALUE</u>	<u>TEST METHOD</u>
Nominal Gauge	mils	8.6	mil gauge
Tensile Strength	lbs/in	52	ASTM D-882
Elongation at Break	%	100	ASTM D-882
Puncture Propagation Tear Resistance	lbs	17.6	ASTM D-2582
Graves Tear	lbs	17	ASTM D-100L

#### TAPE ADHESIVE PROPERTIES

	<u>UNITS</u>	<u>VALUE</u>	<u>TEST METHOD</u>
180° Peel Adhesion			
Tab Side (unwind)	lbs./in.	12.0	PSTC - 3
Film Side (liner)	lbs./in.	11.5	PSTC - 3
Static Shear, Hours to Fail			PSTC - 7
Tab Side	Hours	300+	Stainless Steel 1000g/sq. in
Film Side	Hours	300+	Hours to fail @ 72 °F

#### Temperature Range Guidelines

Application  
End Use

Above 50°F (10°C) for best results.  
0°F to 150°F (-18°C to 66°C)

#### Chemical Resistance

Resistant to water, detergent, and alcohol. Not recommended for use in contact with aliphatic or aromatic hydrocarbons. Shelf life 2 years when stored at 75 degrees F (24 degrees C) and 50% relative humidity or less

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