

TECHNICAL DATA SHEET

Date of Issue 03/2026 | Rev. 00_03/2026

PV850XT

PVC 50mic extra tack



PRODUCT DESCRIPTION

PV850ST is a heavy-weight PVC packaging tape designed for industrial and demanding manual applications requiring high mechanical resistance, silent unwind and secure sealing of heavy cartons. Its PVC film delivers strong tear resistance, controlled elongation and superior film stability, making it suitable for heavy-duty packaging, palletization and reinforced carton closure. The natural rubber adhesive ensures strong initial tack and dependable bonding on a wide range of cardboard types, including recycled and multi-layered substrates. With quiet unwind and reinforced structure, PV850ST provides reliability and comfort in professional packing environments.

FEATURES

- Completely silent
- Increased adhesion properties
- Excellent printability properties to satisfy the most demanding printing application
- Hand tearable
- Ideal for heavy cartons
- Excellent adhesive power
- Resistant to temperature changes

MAIN APPLICATIONS

- Heavy-duty carton closure
- Ease of print with standard flexographic machines without use of primer and release
- Industrial packaging
- Recycled & multi-layer cartons
- Silent packing operations
- Refrigeration use suitable (Application at room temperature above 18°C)
- Temperature resistance after application

CONSTRUCTION

	Adhesive	Backing
Material	Natural rubber	PVC
Colour	<input checked="" type="radio"/> Transparent <input type="radio"/> White <input checked="" type="radio"/> Brown	<input checked="" type="radio"/> Transparent <input type="radio"/> White

TECHNICAL DATA*

	Metric	Imperial Units	Test Method
Film thickness	50 µm	2.0 mils	Internal
Adhesive weight	20 g/m ²	0.59 oz/yd ²	ISO 536
Total thickness	70 µm	2.8 mils	Internal
MD tensile strength	76 N/cm	43.4 lb/in	AFERA 5004/PSTC 131
MD elongation at break	75 %	75 %	AFERA 5004/PSTC 131
Adhesion to steel plate	1.6 N/cm	14.6 oz/in	AFERA 5001/PSTC 101

*Typical value

All technical data provided is based on laboratory testing and is believed to be accurate. End users are responsible for determining product suitability for their intended application.

Technical Information and Product Use

All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. Figures shown refer to average values only, based on tests carried out in conditioned laboratory and are not valid for specification. The company reserves the right to modify or change the products at any time without notice. The accuracy or completeness of such information is not guaranteed. The technical information, suggestions and other statements contained in this document have been compiled for your guidance and usage. ATLAS Tapes Group reminds the user of the products to make sure that the product is used as per the instructions and suggestions provided. It is the user's sole responsibility to determine the suitability of the product in actual application under specific conditions.

Storage and Shelf Life

Suggested storage in dry area away from direct sunlight temperature should range from 59°F / 15°C to 77°F / 25°C with max relative humidity of 50%. Tape and jumbo roll should be used respectively within 12 months and 6 months from date of shipment. ATLAS Tapes Group does not take responsibility for the defective material if is not stored and used in accordance with the conditions listed above.