

TECHNICAL DATA SHEET

Date of Issue 02/2026 | Rev. 00_02/2026

PV850XT

PVC 50mic extra tack



PRODUCT DESCRIPTION

PV850XT is a heavy-duty PVC packaging tape engineered for industrial sealing applications requiring superior film strength, enhanced durability and silent unwind. Its PVC film provides exceptional tear resistance, excellent elongation control and high dimensional stability, making it suitable for heavy cartons, palletization and intensive handling cycles. The natural rubber adhesive ensures fast anchoring and reliable sealing even on difficult cardboard surfaces, including recycled and multi-layered substrates. With its quiet unwind and reinforced structure, PV850XT is designed for industrial workflows where silent operation, strength and secure bonding are essential.

FEATURES

- Completely silent
- Very strong PVC film
- Excellent tear & elongation resistance
- Strong natural-rubber adhesion
- Ideal for heavy cartons and palletization
- Excellent adhesive power
- Excellent printability properties to satisfy the most demanding printing application

MAIN APPLICATIONS

- Heavy industrial sealing
- Manual and automatic carton sealing
- Palletization
- Recycled & difficult cartons
- High-volume packing lines
- Logistics & distribution
- Refrigeration use suitable (Application at room temperature above 18°C)

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	1.97 mils	Internal
Adhesive weight	20 g/m ²	0.59 oz/yd ²	ISO 536
Total thickness	70 µm	2.76 mils	Internal
MD tensile strength	76 N/cm	43 lb/in	AFERA 5004/PSTC 131
MD elongation at break	75 %	75 %	AFERA 5004/PSTC 131
Adhesion to steel plate	1.6 N/cm	15 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.