TECHNICAL DATA SHEET

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

AC820LN-XT

PP Acrylic 28my LN X.T.

PRODUCT DESCRIPTION

AC820LN-XT is a low-noise acrylic packaging tape engineered for manual sealing tasks requiring both quiet unwinding and significantly reinforced initial adhesion. Its biaxially oriented polypropylene (BOPP) backing provides strong dimensional stability, tear resistance and mechanical robustness, enabling frequent and intensive use in packing operations. The Extra Tack acrylic adhesive ensures rapid anchoring and consistent bonding even on recycled, rough or high-porosity cardboard, while offering long-term clarity and stable performance. The low-noise formulation guarantees smooth and quiet application, making AC820LN-XT ideal for logistics centers, indoor packing stations, e-commerce environments and all areas where acoustic comfort is a priority. Designed for standard ambient conditions, it delivers reliability, comfort and strong closing power for daily operational needs.

FEATURES

- Low-noise unwind for indoor comfort
- Extra Tack acrylic adhesive for reinforced initial grip
- BOPP film offering excellent stability and resistance
- Reliable bonding on rough, recycled or porous cardboard
- Smooth manual application
- Suitable for frequent and intensive packaging tasks

MAIN APPLICATIONS

- Manual sealing of light/medium cartons
- Quiet sealing in logistics, offices, warehouses and e-commerce areas
- Fast bonding on recycled or rough surfaces
- Indoor general packaging with low noise requirements
- Use under standard ambient conditions

CONSTRUCTION

	Adhesive	Backing
Material	Acrylic (water-based)	Biaxially oriented polypropylene (BOPP)
Colour	Transparent, White, Brown, Yellow, Green, Red, Blue	Transparent

TECHNICAL DATA*

	Metric	Imperial Units	Test Method
Film thickness	28 µm	1.1 mils	Internal
Adhesive weight	20 g/m²	0.59 oz/yd²	ISO 536
Total thickness	48 µm	1.9 mils	Internal
MD tensile strength	40 N/cm	22.8 lb/in	AFERA 5004/PSTC 131
MD elongation at break	140 %	140 %	AFERA 5004/PSTC 131
Adhesion to steel plate	2.3 N/cm	21 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.