

TECHNICAL DATA SHEET

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AC220LN-XT

PP Acrylic 32my LN X.T.



PRODUCT DESCRIPTION

AC220LN-XT is a low-noise acrylic packaging tape designed for heavy-duty manual sealing where both silent unwinding and reinforced initial adhesion are required. Its biaxially oriented polypropylene (BOPP) backing ensures superior tensile strength, dimensional stability and mechanical robustness, making it ideal for demanding packing environments and intensive workflow cycles. The Extra Tack acrylic adhesive provides strong and rapid anchoring on standard, recycled and rough cardboard, ensuring secure closures even under higher stress conditions. The low-noise formulation guarantees smooth and quiet application, improving comfort in indoor logistics hubs, e-commerce stations, fulfillment centers and office environments. Designed for heavy-duty carton sealing, AC220LN-XT combines structural reinforcement, enhanced tack and controlled unwinding for reliable, high-performance packaging operations.

FEATURES

- Reinforced BOPP film for high tensile strength
- Extra Tack acrylic adhesive with powerful initial grab
- Low-noise unwind for indoor comfort
- Secure bonding on recycled, rough and porous cardboard
- Ideal for heavy-duty manual sealing
- Controlled and smooth application

MAIN APPLICATIONS

- Manual sealing of heavy-duty cartons
- Quiet packaging in logistics, warehouses and e-commerce
- Fast bonding on difficult cardboard surfaces
- High-stress sealing tasks and reinforced packaging
- Use under standard ambient conditions

CONSTRUCTION

	Adhesive	Backing
Material	Acrylic (water-based)	Biaxially oriented polypropylene (BOPP)
Colour	<input checked="" type="radio"/> Transparent <input type="radio"/> White <input checked="" type="radio"/> Brown	<input checked="" type="radio"/> Transparent

TECHNICAL DATA*

	Metric	Imperial Units	Test Method
Film thickness	32 µm	1.3 mils	Internal
Adhesive weight	20 g/m ²	0.59 oz/yd ²	ISO 536
Total thickness	52 µm	2.0 mils	Internal
MD tensile strength	48 N/cm	27.4 lb/in	AFERA 5004/PSTC 131
MD elongation at break	150 %	150 %	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 it is not stored and used in accordance with the conditions listed above.