TECHNICAL DATA SHEET

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AC818LN
PP Acrylic 28my LN

PRODUCT DESCRIPTION

AC818LN is a professional low-noise acrylic packaging tape designed for manual sealing of light and medium-weight cartons in indoor environments. Its biaxially oriented polypropylene (BOPP) film provides dimensional stability, mechanical resistance and precise handling during frequent use. The water-based acrylic adhesive ensures clean and durable bonding, maintaining clarity and consistent tack on both standard and recycled cardboard. Thanks to its low-noise formulation, the tape unwinds smoothly and quietly, making it ideal for e-commerce stations, offices, logistics areas and packing lines requiring reduced acoustic impact. AC818LN delivers reliable performance under standard atmospheric conditions, ensuring comfort and consistency in daily packaging operations.

FEATURES

- Low-noise unwind for indoor comfort
- Water-based acrylic adhesive with long-lasting clarity
- BOPP film ensuring mechanical strength
- Reliable adhesion on recycled and standard cardboard
- Smooth manual application
- Suitable for everyday packing stations

MAIN APPLICATIONS

- Manual sealing of light/medium cartons
- Quiet operations in offices, warehouses and e-commerce
- Indoor packaging with reduced noise impact
- General logistics and dispatching
- Use under standard ambient conditions

CONSTRUCTION

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

TECHNICAL DATA*

	Metric	Imperial Units	Test Method
Film thickness	28 µm	1.1 mils	Internal
Adhesive weight	18 g/m²	0.53 oz/yd²	ISO 536
Total thickness	46 µm	1.8 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	2.6 N/cm	23.8 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.