TECHNICAL DATA SHEET

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AC518LN
PP Acrylic 25my

PRODUCT DESCRIPTION

AC518LN is a low-noise acrylic packaging tape designed for manual sealing of light and medium-weight cartons in indoor working environments. Its biaxially oriented polypropylene (BOPP) film offers dimensional stability and mechanical resistance, while the water-based acrylic adhesive provides clean bonding, excellent clarity and long-term performance. The low noise formulation ensures quiet unwinding for comfortable use in warehouses, offices, e-commerce packing stations and all areas requiring a reduced acoustic impact. The tape maintains consistent adhesion even on recycled cardboard and performs reliably under standard ambient conditions.

FEATURES

- Low noise unwind for indoor applications
- Water-based acrylic adhesive with long-term clarity
- BOPP film with dimensional stability
- Reliable adhesion on recycled and standard cardboard
- Smooth application for manual operations
- Ideal for offices, retail and e-commerce packing

MAIN APPLICATIONS

- Manual sealing of light/medium cartons
- Quiet operations in offices, warehouses and e-commerce
- Low-noise packaging in closed environments
- General dispatching and retail logistics
- Standard ambient temperature use

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	25 µm	1.0 mils	Internal
Adhesive weight	18 g/m²	0.53 oz/yd²	ISO 536
Total thickness	43 µm	1.7 mils	Internal
MD tensile strength	32 N/cm	18.3 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.