TECHNICAL DATA SHEET

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

AC315N
PP Acrylic 23my N

PRODUCT DESCRIPTION

AC315N is a acrylic water-based packaging tape designed for light-weight manual applications. The product features a biaxially oriented polypropylene (BOPP) film providing dimensional stability and resistance to stress during sealing operations. The acrylic adhesive ensures durable bonding with standard noise unwinding and long-lasting performance, maintaining clarity and adhesion over time even in variable temperature conditions. Its stable unwind and balanced adhesion make it ideal for manual sealing of light-weight cartons in logistics, retail, and general packaging operations.

FEATURES

- BOPP backing with high stability and clarity
- Water-based acrylic adhesive ensuring long-term hold
- Smooth and controlled unwinding
- Resistant to aging and environmental variation
- Standard noise level for comfortable manual use
- Consistent performance on recycled and standard cartons

MAIN APPLICATIONS

- Manual sealing of light-weight cartons
- General packaging and dispatching operations
- Suitable for e-commerce and office logistics
- Ideal for transparent and professional closure
- Applicable in standard temperature environments

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	23 µm	0.9 mils	Internal
Adhesive weight	15 g/m²	0.44 oz/yd²	ISO 536
Total thickness	38 µm	1.5 mils	Internal
MD tensile strength	30 N/cm	17.1 lb/in	AFERA 5004/PSTC 131
MD elongation at break	140 %	140 %	AFERA 5004/PSTC 131
Adhesion to steel plate	2 N/cm	18.3 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.