

TECHNICAL DATA SHEET

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AC822NN

PP Acrylic 28 N



PRODUCT DESCRIPTION

AC822NN is a premium no-noise acrylic packaging tape designed for manual sealing applications requiring extremely quiet unwinding and stable long-term performance. Its biaxially oriented polypropylene (BOPP) film provides high tensile strength, dimensional stability and reliable handling in daily packing operations. The enhanced acrylic adhesive delivers improved bonding on both standard and recycled cardboard, ensuring clean, secure and durable closures. The ultra-silent unwind technology makes AC822NN ideal for noise-sensitive indoor environments such as e-commerce stations, offices, retail packaging areas and logistics hubs. With a reinforced structure, the tape guarantees consistent application, excellent clarity and dependable sealing even under repetitive operational cycles.

FEATURES

- Ultra-silent unwind (No Noise technology)
- Strong acrylic adhesive with improved bonding
- BOPP film for high tensile resistance
- Reliable adhesion on recycled and standard cardboard
- Excellent clarity and clean sealing
- Suitable for premium indoor manual applications

MAIN APPLICATIONS

- Manual sealing of medium and medium-heavy cartons
- Noise-sensitive indoor packaging
- E-commerce and office packing stations
- Retail and logistics operations requiring silent use
- Applications in standard temperature environments

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	28 µm	1.10 mils	Internal
Adhesive weight	22 g/m ²	0.65 oz/yd ²	ISO 536
Total thickness	50 µm	1.97 mils	Internal
MD tensile strength	40 N/cm	23 lb/in	AFERA 5004/PSTC 131
MD elongation at break	140 %	140 %	AFERA 5004/PSTC 131
Adhesion to steel plate	2.4 N/cm	22 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.