TECHNICAL DATA SHEET

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AC222NN
PP Acrylic 32my NN

PRODUCT DESCRIPTION

AC222NN is a premium no-noise acrylic packaging tape engineered for heavy-duty manual sealing applications requiring maximum quietness, high mechanical resistance and reliable long-term performance. Its reinforced biaxially oriented polypropylene (BOPP) film ensures superior tensile strength, dimensional stability and robust behavior under repetitive or high-stress operations. The enhanced acrylic adhesive provides strong and consistent bonding on standard, recycled and rough cardboard, while maintaining transparency and clean application over time. Thanks to its ultra-silent unwind formulation, AC222NN is ideal for noise-sensitive indoor environments such as e-commerce stations, fulfillment centers, offices, and retail packing areas. Designed to withstand demanding workflows, it delivers secure sealing, excellent comfort and stable performance in standard ambient conditions.

FEATURES

- Ultra-silent unwind for maximum acoustic comfort
- Reinforced BOPP film for superior tensile strength
- Strong acrylic adhesive for secure bonding
- Reliable sealing on recycled, porous and rough cardboard
- Smooth and controlled manual application
- Designed for heavy-duty indoor operations

MAIN APPLICATIONS

- Manual sealing of heavy-duty cartons
- Silent packaging in logistics and e-commerce
- Operations in noise-sensitive environments
- Fast bonding on difficult cardboard surfaces
- Use in standard temperature 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	32 µm	1.3 mils	Internal
Adhesive weight	22 g/m²	0.65 oz/yd²	ISO 536
Total thickness	54 µm	2.1 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	2.4 N/cm	21.9 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.