

TECHNICAL DATA SHEET

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AC820N-HT

PP Acrylic 28my

Corona Printable



PRODUCT DESCRIPTION

AC820N-HT is a high-tack acrylic packaging tape engineered for industrial manual sealing of medium-weight cartons. Its biaxially oriented polypropylene (BOPP) film ensures strong dimensional stability, superior tensile resistance and enhanced reliability during repetitive or high-intensity packaging cycles. The acrylic adhesive, specifically formulated for high tack, delivers improved initial bonding and fast anchoring even on recycled, rough or high-porosity cardboard surfaces. Controlled standard-noise unwinding and optimized holding power make this tape ideal for demanding logistics hubs, warehouse lines, distribution centers and industrial packing operations that require consistent, high-performance sealing.

FEATURES

- Enhanced high-tack adhesive for superior initial grab
- Strong BOPP film for stability and tear resistance
- Excellent bonding on rough, porous and recycled board
- Controlled unwind with standard noise level
- High holding power for industrial manual sealing
- Suitable for repetitive and medium-intensity packing cycles
- Ease of printability with corona treatment, due to special film properties

MAIN APPLICATIONS

- Manual industrial sealing of medium-weight cartons
- Fast bonding on difficult, recycled or porous cardboard
- High-adhesion tasks in warehouse and logistics
- Packing lines with repetitive operations
- Suitable for 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	1.1 mils	Internal
Adhesive weight	18 g/m ²	0.53 oz/yd ²	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	2.32 N/cm	21.2 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 it is not stored and used in accordance with the conditions listed above.