

TECHNICAL DATA SHEET

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AC628NN-HT

PP Acrylic 35my NN HT



PRODUCT DESCRIPTION

AC628NN-HT is a premium no-noise acrylic packaging tape engineered for heavy-duty manual sealing where both ultra-quiet application and enhanced high-tack performance are essential. Its biaxially oriented polypropylene (BOPP) film ensures exceptional tensile strength, dimensional stability and superior durability under intensive packaging cycles. The high-tack water-based acrylic adhesive provides strong initial anchoring and reliable long-term bonding on recycled, rough and high-grammage cardboard. AC628NN-HT features an ultra-silent unwind formulation that delivers smooth, quiet and comfortable application, making it ideal for indoor logistics, fulfillment centers, e-commerce packaging stations and noise-sensitive operational environments. This tape offers reinforced robustness, excellent holding power and secure sealing in demanding heavy-duty workflows.

FEATURES

- Ultra-silent unwind for indoor comfort
- High-tack acrylic adhesive with reinforced initial grab
- 35 µm BOPP film for exceptional tensile strength
- Excellent bonding on recycled, rough or high-grammage board
- Suitable for repetitive and intensive packing cycles
- Heavy-duty structural robustness

MAIN APPLICATIONS

- Sealing of heavy-duty and high-grammage cartons
- Silent packaging in logistics, fulfillment and retail operations
- Applications requiring reinforced tack and high structural strength
- Difficult cardboard surfaces and recycled substrates
- Premium indoor packaging 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	35 µm	1.4 mils	Internal
Adhesive weight	28 g/m ²	0.83 oz/yd ²	ISO 536
Total thickness	63 µm	2.5 mils	Internal
MD tensile strength	52 N/cm	29.7 lb/in	AFERA 5004/PSTC 131
MD elongation at break	170 %	170 %	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 it is not stored and used in accordance with the conditions listed above.