

TECHNICAL DATA SHEET

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AC515N

PP Acrylic 25my N



PRODUCT DESCRIPTION

AC515N is a water-based acrylic packaging tape designed for manual sealing of light-weight boxes. The biaxially oriented polypropylene (BOPP) backing offers dimensional stability and mechanical strength, while maintaining excellent transparency and handling. The acrylic adhesive ensures a clean and durable closure, stable performance under temperature variations, and standard noise unwinding for smooth application. Suitable for a wide range of carton surfaces, including recycled board, it delivers consistent adhesion and reliability in general packaging, warehousing, and office environments.

FEATURES

- BOPP film with high dimensional stability
- Water-based acrylic adhesive ensuring clarity and long-lasting hold
- Smooth, standard-noise unwind
- Resistant to temperature and aging
- Reliable on standard and recycled cardboard
- Easy manual handling with steady application

MAIN APPLICATIONS

- Manual sealing of light-weight cartons
- Everyday packaging and shipment preparation
- Ideal for office, logistics and retail packing
- Suitable for transparent and professional closure
- Application in standard ambient temperature

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	25 µm	1.0 mils	Internal
Adhesive weight	15 g/m ²	0.44 oz/yd ²	ISO 536
Total thickness	40 µm	1.6 mils	Internal
MD tensile strength	32 N/cm	18.3 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 it is not stored and used in accordance with the conditions listed above.