

TECHNICAL DATA SHEET

Date of Issue 02/2026 | Rev. 00_02/2026

HM706

PP Synthetic Rubber 28my HT



PRODUCT DESCRIPTION

HM706 is a reinforced synthetic rubber packaging tape designed for medium- to heavy-duty industrial sealing requiring extremely high tack, fast bonding and superior mechanical resistance. Its BOPP film delivers higher tensile strength and improved dimensional stability, making it suitable for demanding workflows and heavier carton loads. The solvent-free synthetic rubber adhesive provides aggressive instant adhesion and secure hold on recycled, coated, dusty or low-quality cardboard. With standard-noise unwind and exceptional anchoring power, HM706 excels in logistics hubs, industrial packing lines, distribution platforms and high-frequency sealing environments where maximum grip and reinforced structure are essential.

FEATURES

- Extremely high tack
- Reinforced BOPP film
- Excellent bonding on difficult substrates
- High mechanical resistance
- Standard-noise unwind
- Engineered for medium/heavy-duty workflows

MAIN APPLICATIONS

- Sealing of medium/heavy cartons
- Automatic lines cartons sealing even of light cartons, due to easiness of unwinding and high initial tack.
- Demanding industrial packaging
- Recycled, coated and rough cardboard
- High-frequency sealing lines
- Logistics and distribution platforms

CONSTRUCTION

	Adhesive	Backing
Material	Synthetic Rubber	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	17 g/m ²	0.50 oz/yd ²	ISO 536
Total thickness	45 µm	1.77 mils	Internal
MD tensile strength	40 N/cm	22 lb/in	AFERA 5004/PSTC 131
MD elongation at break	140 %	140 %	AFERA 5004/PSTC 131
Adhesion to steel plate	4 N/cm	36 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.