

TECHNICAL DATA SHEET

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HM703

PP Synthetic Rubber 30 EP



PRODUCT DESCRIPTION

HM703 is a medium-duty packaging tape based on a BOPP backing coated with a high-performance synthetic rubber hot-melt adhesive. It offers high tensile strength, controlled elongation and a strong initial tack for secure sealing on a wide range of cardboard surfaces, including recycled and irregular substrates. The hot-melt adhesive delivers excellent holding power and fast bonding, making the product ideal for high-productivity carton sealing in warehousing, industrial packing and e-commerce operations. Easy printable without primer and release.

FEATURES

- High-performance hot-melt adhesive
- Excellent initial tack
- High tensile strength
- Good elongation
- Fast bonding for high-productivity packing
- Suitable for manual or dispenser use
- Easy Printing

MAIN APPLICATIONS

- Medium-duty carton sealing
- Automatic lines cartons sealing even of light cartons, due to easiness of unwinding and high initial tack.
- Industrial and warehouse packaging
- E-commerce shipments
- Recycled cardboard sealing

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	30 µm	1.2 mils	Internal
Adhesive weight	17 g/m ²	0.50 oz/yd ²	ISO 536
Total thickness	47 µm	1.9 mils	Internal
MD tensile strength	48 N/cm	27.4 lb/in	AFERA 5004/PSTC 131
MD elongation at break	170 %	170 %	AFERA 5004/PSTC 131
Adhesion to steel plate	4 N/cm	36.5 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.