

TECHNICAL DATA SHEET

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HM705

PP Synthetic Rubber 25mic HT



PRODUCT DESCRIPTION

HM705 is a light-weight synthetic rubber packaging tape designed for industrial and manual applications requiring very high tack and fast anchoring, even on recycled or low-quality cardboard. Its BOPP film ensures flexibility, stability and good mechanical resistance for daily medium-frequency sealing tasks. The solvent-free synthetic rubber adhesive provides aggressive initial grab, securing immediate bonding on a variety of substrates including rough, coated or dusty surfaces. With standard-noise unwind and a balanced light-weight structure, HM705 is ideal for warehouse operations, distribution centers, preparation areas and industrial packaging lines where versatile, high-performance adhesion is needed.

FEATURES

- Very high tack
- Light-weight flexible BOPP film
- Excellent bonding on recycled/coated surfaces
- Standard-noise unwind
- Fast anchoring even on rough substrates
- Balanced performance for industrial use

MAIN APPLICATIONS

- Industrial manual sealing of light cartons
- Automatic lines cartons sealing even of light cartons, due to easiness of unwinding and high initial tack.
- Recycled or coated cardboard
- Logistics hubs and packing areas
- High-tack requirements in everyday packaging

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	25 µm	0.98 mils	Internal
Adhesive weight	17 g/m ²	0.50 oz/yd ²	ISO 536
Total thickness	42 µm	1.65 mils	Internal
MD tensile strength	32 N/cm	18 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.