

TECHNICAL DATA SHEET

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HM820

PP Hot Melt 28my XT



PRODUCT DESCRIPTION

HM820 is a heavy-weight synthetic rubber packaging tape engineered for industrial sealing operations that require exceptionally strong tack, rapid anchoring and reinforced mechanical properties. The biaxially oriented polypropylene film provides high tensile strength, dimensional stability and resistance to stress during heavy-duty handling or palletization. The solvent-free synthetic rubber adhesive delivers aggressive initial grab and secure bonding even on recycled, coated or low-quality cardboard, guaranteeing immediate sealing and consistent holding performance. Its standard-noise unwind ensures smooth manual application in high-productivity environments such as warehouses, manufacturing lines and logistics hubs. With its robust build and high-performance adhesion system, HM820 is the ideal choice for demanding industrial workflows requiring maximum grip and structural reliability.

FEATURES

- Extremely high tack
- Heavy-weight BOPP film for superior mechanical strength
- Excellent adhesion on recycled and coated cardboard
- Standard-noise unwind
- Strong holding power for heavy cartons
- Reliable under demanding industrial workflows

MAIN APPLICATIONS

- Sealing of heavy cartons
- Automatic lines cartons sealing even of light cartons, due to easiness of unwinding and high initial tack.
- Industrial packaging lines
- Recycled and difficult surfaces
- High-demand logistics workflows
- Manual sealing in warehouses

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	20 g/m ²	0.59 oz/yd ²	ISO 536
Total thickness	48 µm	1.89 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.