TECHNICAL DATA SHEET

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PTHM450
Heavy Weight Reinforced
Paper Packaging Tape ECO LINE

FSC
www.fsc.org
FSC™C173160
The mark of responsible forestry

INGEDE
Recycling-friendly tape according to INGEDE Method 12

PRODUCT DESCRIPTION

PTHM450 is a high-strength flatback crepe paper tape with more than 80% bio-based engineered for superior tensile resistance and high adhesion. Its reinforced flatback structure provides excellent stiffness, tear resistance and consistent unwind, while the synthetic rubber adhesive ensures strong instant bonding on corrugated cardboard, kraft paper and a wide range of industrial substrates. Suitable for demanding paper-based sealing applications, bundling and splicing operations where mechanical strength is essential. 40% of the raw materials contained in this tape comes from natural resources.
FSC® certification supports sustainable packaging solutions.

FEATURES

- Extremely high tensile strength
- Very high adhesion
- Reinforced flatback crepe paper
- Strong holding power
- >80% bio-based paper
- FSC® certified paper

MAIN APPLICATIONS

- Heavy industrial carton sealing
- High-strength paper-based packaging
- Bundling and splicing
- Reinforced tape applications

CONSTRUCTION

	Adhesive	Backing
Material	Synthetic Rubber	>80% bio-based fiberglass reinforced flatback paper
Colour	Transparent	Brown

TECHNICAL DATA*

	Metric	Imperial Units	Test Method
Film thickness	85 µm	3.3 mils	Internal
Adhesive weight	49 g/m²	1.45 oz/yd²	ISO 536
Total thickness	125 µm	4.7 mils	Internal
MD tensile strength	90 N/cm	51.4 lb/in	AFERA 5004/PSTC 131
MD elongation at break	3 %	3 %	AFERA 5004/PSTC 131
Adhesion to steel plate	11 N/cm	100.5 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 is not stored and used in accordance with the conditions listed above.