TECHNICAL DATA SHEET

Date of Issue 03/2026 | Rev. 00_03/2026

PTS420
Paper Tape Solvent

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

INGEDE
Recycling-friendly tape according to INGEDE Method 12

PRODUCT DESCRIPTION

PTS420 is a medium-to-heavy duty paper packaging tape constructed with a saturated crepe paper backing and a high-performance natural rubber adhesive. The saturated crepe paper structure provides enhanced strength, controlled elongation, and excellent conformability over uneven or curved surfaces. Its robust adhesive layer delivers strong and reliable bonding on corrugated cartons, fiberboard, and other standard packaging materials. Designed for professional packaging workflows, PTS420 ensures stable closure, consistent unwinding, and manual tearability, making it ideal for industrial environments requiring higher tensile strength and durable carton sealing integrity. FSC® certification supports sustainable packaging solutions.

FEATURES

- Saturated crepe paper backing for higher strength
- Strong natural rubber adhesive
- High initial tack to stick on cardboard boxes
- Suitable for medium-to-heavy duty carton sealing
- Good conformability to irregular surfaces
- Hand tearable
- FSC® certified paper backing

MAIN APPLICATIONS

- Medium and heavy carton sealing
- Manual & automatic carton sealing
- Industrial packaging workflows
- Box repairs and reinforcements
- Paper-based packaging systems
- Tabbing
- Splicing

CONSTRUCTION

	Adhesive	Backing
Material	Natural Rubber	Saturated Crepe Paper
Colour	Transparent	White Brown

TECHNICAL DATA*

	Metric	Imperial Units	Test Method
Film thickness	95 µm	3.7 mils	Internal
Adhesive weight	30 g/m²	0.88 oz/yd²	ISO 536
Total thickness	120 µm	4.7 mils	Internal
MD tensile strength	35 N/cm	20.0 lb/in	AFERA 5004/PSTC 131
MD elongation at break	7 %	7 %	AFERA 5004/PSTC 131
Adhesion to steel plate	2.4 N/cm	21.9 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.