

TECHNICAL DATA SHEET

Date of Issue 02/2026 | Rev. 00_02/2026

ST610

PP Solvent 23my



PRODUCT DESCRIPTION

ST610 is a light-weight natural rubber packaging tape designed for manual carton sealing requiring strong instant adhesion and reliable performance on a wide range of substrates. Its biaxially oriented polypropylene (BOPP) film offers dimensional stability, flexibility and consistent handling during everyday operations. The natural rubber adhesive provides superior tack, allowing immediate bonding on standard, recycled and slightly irregular cardboard, while maintaining secure hold even under light stress conditions. ST610 is suitable for indoor logistics and general packing activities where a versatile, quick-anchoring tape with traditional noise level is required. Its balanced combination of film strength and rubber-based adhesion ensures dependable sealing in routine manual workflows.

FEATURES

- Natural rubber adhesive for strong instant tack
- BOPP film ensuring flexibility and light resistance
- Good bonding on standard and recycled cardboard
- Traditional standard-noise unwind
- Suitable for routine manual sealing
- Good holding power for light loads

MAIN APPLICATIONS

- Manual sealing of light-weight cartons
- General packaging and indoor logistics
- Fast bonding on standard and recycled cardboard
- Routine packing operations
- Use in standard ambient conditions

CONSTRUCTION

	Adhesive	Backing
Material	Natural 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	23 µm	0.90 mils	Internal
Adhesive weight	16 g/m ²	0.47 oz/yd ²	ISO 536
Total thickness	39 µm	1.53 mils	Internal
MD tensile strength	30 N/cm	17 lb/in	AFERA 5004/PSTC 131
MD elongation at break	140 %	140 %	AFERA 5004/PSTC 131
Adhesion to steel plate	2 N/cm	18 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.