

TECHNICAL DATA SHEET

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ST604

PP Solvent 30my EP



PRODUCT DESCRIPTION

ST604 is a BOPP packaging tape coated with a natural rubber adhesive designed for reliable performance in medium-duty sealing applications. Its balanced structure provides good tensile strength and controlled elongation, ensuring secure sealing even on irregular or recycled cardboard. The natural rubber formulation delivers strong adhesion and excellent initial tack, making the tape suitable for manual or dispenser use in warehousing, e-commerce and industrial packing operations.

FEATURES

- Strong natural rubber adhesive
- Good tensile strength
- Excellent tack
- Controlled stretch
- Smooth and stable unwind
- Suitable for manual and dispenser use

MAIN APPLICATIONS

- Medium-duty carton sealing
- Recommended for automatic carton sealing machine use
- Warehouse & logistics packaging
- Industrial packing
- E-commerce shipments
- Refrigeration use suitable (Application at room temperature above 10°C)

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	30 µm	1.16 mils	Internal
Adhesive weight	17 g/m ²	0.50 oz/yd ²	ISO 536
Total thickness	47 µm	1.85 mils	Internal
MD tensile strength	48 N/cm	25 lb/in	AFERA 5004/PSTC 131
MD elongation at break	170 %	170 %	AFERA 5004/PSTC 131
Adhesion to steel plate	1.8 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.