

TECHNICAL DATA SHEET

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ST602

PP Solvent 28my



PRODUCT DESCRIPTION

ST602 is a medium-weight natural rubber packaging tape designed for manual and industrial carton sealing that requires a durable film structure combined with strong instant adhesion. Its biaxially oriented polypropylene (BOPP) film provides increased mechanical resistance, improved stability and consistent behavior during repetitive sealing operations. The natural rubber adhesive ensures fast anchoring, high versatility and dependable bonding on standard, recycled and irregular cardboard surfaces. ST602 delivers a traditional standard-noise unwind and maintains secure hold in medium-duty workflows, making it ideal for warehouse operations, preparation areas, industrial packing stations and general logistics. Balanced performance, reinforced film and strong tack make ST602 a robust choice for professional packaging.

FEATURES

- Natural rubber adhesive with strong instant tack
- Reinforced BOPP film for higher mechanical strength
- Suitable for standard and recycled cardboard
- Standard-noise unwind for traditional application
- Reliable performance in medium-duty sealing
- Stable behavior in repetitive industrial cycles

MAIN APPLICATIONS

- Manual/industrial sealing of medium-weight cartons
- Recommended for automatic carton sealing machine use
- Fast bonding on recycled and irregular cardboard
- Warehouse and preparation areas
- Everyday logistics and packing stations
- Refrigeration use suitable (Application at room temperature above 10°C)
- Temperature resistance after application

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	28 µm	1.1 mils	Internal
Adhesive weight	16 g/m ²	0.47 oz/yd ²	ISO 536
Total thickness	44 µm	1.7 mils	Internal
MD tensile strength	40 N/cm	22.8 lb/in	AFERA 5004/PSTC 131
MD elongation at break	140 %	140 %	AFERA 5004/PSTC 131
Adhesion to steel plate	2 N/cm	18.3 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 it is not stored and used in accordance with the conditions listed above.