

## TECHNICAL DATA SHEET

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# ST605

## PP Solvent 32mic



### PRODUCT DESCRIPTION

ST605 is a heavy-weight natural rubber packaging tape designed for industrial applications requiring strong adhesion, high mechanical strength and durable performance on demanding cardboard substrates. Its BOPP film provides exceptional tensile resistance and structural rigidity, ensuring secure sealing even under stress or heavy box loads. The natural rubber adhesive delivers fast anchoring and consistent sealing on recycled, irregular or high-grammage cartons. With traditional standard-noise unwind, ST605 is engineered for heavy-duty workflows in logistics hubs, production plants and high-volume packing environments. Its robust structure and strong tack guarantee secure, stable and long-lasting closures.

### FEATURES

- Natural rubber adhesive with strong immediate tack
- Reinforced BOPP film
- Excellent for recycled/high-grammage cardboard
- Standard-noise unwind
- High durability under stress
- Suitable for heavy-duty workflows

### MAIN APPLICATIONS

- Industrial sealing of heavy boxes
- Recommended for automatic carton sealing machine use
- Recycled and rigid cardboard
- High-load packaging workflows
- Production and logistics hubs
- Refrigeration use suitable.
- 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	32 µm	1.26 mils	Internal
Adhesive weight	16 g/m <sup>2</sup>	0.47 oz/yd <sup>2</sup>	ISO 536
Total thickness	48 µm	1.89 mils	Internal
MD tensile strength	56 N/cm	27 lb/in	AFERA 5004/PSTC 131
MD elongation at break	160 %	160 %	AFERA 5004/PSTC 131
Adhesion to steel plate	2.2 N/cm	20 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.