

TECHNICAL DATA SHEET

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ST612

PP Solvent 32mic No Noise



PRODUCT DESCRIPTION

ST612i is a unique natural rubber packaging tape engineered with a heavy-weight BOPP film and an ultra-silent unwind, offering exceptionally smooth application in noise-sensitive environments. Unlike traditional rubber tapes, ST612 features a low-tack formulation designed for gentle bonding, making it suitable for delicate or lightweight cartons where controlled adhesion is required. Its BOPP film ensures structural resistance, dimensional stability and a premium handling feel, even during repetitive sealing activities. The soft natural rubber adhesive allows clean removal, low anchoring force and a controlled bonding profile, ideal for premium packaging, light-duty closure and internal logistics in retail, office or e-commerce preparation areas. ST612 is the perfect solution when silent application, reduced tack and film robustness need to coexist in a single high-quality tape.

FEATURES

- No-noise rubber formulation
- Low-tack adhesive for gentle bonding
- Heavy BOPP film for structural strength
- Clean removal and controlled adhesion
- Smooth, silent and premium handling
- Suitable for delicate or lightweight cartons

MAIN APPLICATIONS

- Silent sealing in office, retail and indoor logistics
- Recommended for automatic carton sealing machine use
- Premium packaging and light-duty closure
- Delicate or removable bonding needs
- Controlled adhesion on lightweight cartons
- Temperature resistance after application
- Indoor environments requiring low noise

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	22 g/m ²	0.65 oz/yd ²	ISO 536
Total thickness	54 µm	2.12 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	0.8 N/cm	7 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.