

## TECHNICAL DATA SHEET

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# PET-HM19

## PET Synthetic Rubber 19my



### PRODUCT DESCRIPTION

PET-HM19 is a medium-weight PET packaging tape based on a guaranteed minimum 85% Post-Consumer Recycled (PCR) PET backing, engineered for industrial sealing where very high adhesion, strong anchoring and superior film strength are required. Its PET backing provides excellent stiffness, tensile resistance and dimensional stability, ensuring reliable closure even on compressed or heavy cartons. The synthetic rubber solvent-free adhesive delivers very high tack and aggressive initial bonding, performing exceptionally well on recycled, coated or difficult surfaces. Standard-noise unwind and the reinforced PET structure support high-productivity environments such as automated lines, warehouse stations and logistics platforms. PET-HM19 is the optimal solution when maximum grip and high mechanical reliability must be combined in a compact medium-weight tape.

### FEATURES

- Very high tack
- The carrier is made of post-consumer recycled PET (minimum 85% recycled content).
- This product can be disposed together with the box into the blue bin without endangering the cardboard recycling process
- Standard-noise unwind
- Excellent stability during transport
- Industrial medium-weight build
- Easily printable with all types of ink systems

### MAIN APPLICATIONS

- Industrial sealing of medium-weight cartons
- Recycled and coated surfaces
- Heavy-handling logistics
- Packaging for transport and distribution
- High-tack requirements

### CONSTRUCTION

	Adhesive	Backing
Material	Synthetic Rubber	Polyethylene terephthalate film
Colour	⊘ Transparent	⊘ Transparent

### TECHNICAL DATA\*

	Metric	Imperial Units	Test Method
Film thickness	19 µm	0.7 mils	Internal
Adhesive weight	16 g/m <sup>2</sup>	0.47 oz/yd <sup>2</sup>	ISO 536
Total thickness	35 µm	1.4 mils	Internal
MD tensile strength	32 N/cm	18.3 lb/in	AFERA 5004/PSTC 131
MD elongation at break	130 %	130 %	AFERA 5004/PSTC 131
Adhesion to steel plate	4 N/cm	36.5 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.