

Technical Data Sheet

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T102

Heavy Duty Mono Oriented Filament Tape



Product Description

Heavy Duty transparent filament tape reinforced with fiberglass. Characterized by a bi-axially oriented polypropylene backing that provides extraordinary longitudinal tensile strength for high demanding reinforcements and an aggressive synthetic rubber resin solvent free adhesive with excellent holding power.

Suitable for industrial bundling, reinforcing, splicing applications and for heavy loads securing, withstanding rough shipping and handling conditions.

Features

- High adhesion
- Excellent holding power
- Easy bonding to variety of corrugated and solid board surfaces
- Extreme tensile strength
- High resistance to nicks, abrasion and moisture
- Tear resistant

Main Applications

- Industrial Palletizing
- Heavy duty carton sealing
- Industrial splicing and jointing
- Metal and pipe bundling
- General bundling and reinforcing (no UV exposure recommended)

Technical Data

	Metric	Imperial Units	Test Method
Total weight*	155 g/m ²	155 g/m ²	ISO 536
Total thickness*	135 µm	5.3 mils	AFERA 5006/PSTC 133
MD tensile strength*	460 N/cm	262.7 Lbs/in	AFERA 5004/PSTC 131
MD elongation at break*	7 %	7 %	AFERA 5004/PSTC 131
Adhesion to steel plate*	4.8 N/cm	43.9 oz/in	AFERA 5001/PSTC 101

Backing material

Fiberglass laminated BOPP

Type of adhesive

Synthetic rubber resin - solvent free

*Typical value

Available colour



Transparent

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. PPM Industries 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 manufacture. PPM Industries does not take responsibility for the defective material if is not stored and used in accordance with the conditions listed above.