

Technical Data Sheet

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T103

Heavy Duty Cross Weave Filament Tape



Product Description

Heavy Duty Cross Weave transparent filament tape reinforced with cross fiberglass laminated to a bi-axially oriented polypropylene backing and an aggressive synthetic rubber resin solvent free adhesive. It provides excellent resistance to traction in longitudinal and transverse direction and an excellent holding power increasing the reinforcement performance. Suitable for industrial bundling, reinforcing, splicing applications and for heavy loads securing.

Features

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

Main Applications

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

Technical Data

	Metric	Imperial Units	Test Method
Total weight*	115 g/m ²	115 g/m ²	ISO 536
Total thickness*	115 µm	4.5 mils	AFERA 5006/PSTC 133
MD tensile strength*	210 N/cm	119.9 Lbs/in	AFERA 5004/PSTC 131
MD elongation at break*	5.5 %	5.5 %	AFERA 5004/PSTC 131
Adhesion to steel plate*	6 N/cm	54.8 oz/in	AFERA 5001/PSTC 101

Backing material

Cross 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.