

**Technical Data Sheet**

Date of Issue 01/04/2022

Rev. 03\_30/08/2023

# 4050

## Heavy Weight Reinforced Paper Packaging Tape ECO LINE



The mark of responsible forestry



Recycling-friendly tape according to INGEDE Method 12

**Product Description**

Heavy weight packaging tape with a strong flatback paper backing with more than 80% bio-based reinforced with glass filaments.

The high-performance hot melt adhesive and the reinforced backing makes this product the ideal choice for the heaviest duty packaging. The particular adhesive formulation ensures an excellent tack and adhesion on the cardboards with consequent tamper evident characteristics. 40% of the raw materials contained in this tape comes from natural resources. It can be disposed together with the box in the paper bin and collected without affecting the paper and cardboard recycling process, in accordance with INGEDE certification. FSC® certified tape available on demand.

**Features**

- Very high adhesion
- Strong holding power
- Excellent tensile strength
- Not hand tearable
- Tamper evident

**Sustainable Features**

- Recycling-friendly tape according to INGEDE Method 12
- >80% bio-based paper
- FSC® certified tape available on demand

**Main Applications**

- Medium/ High duty carton sealing
- Manual packaging
- Non - critical bundling, splicing and holding

**Technical Data**

	Metric	Imperial Units	Test Method
Total weight*	118 g/m <sup>2</sup>	118 g/m <sup>2</sup>	ISO 536
Total thickness*	125 µm	4.9 mils	Internal
MD tensile strength*	100 N/cm	57.1 Lbs/in	AFERA 5004/PSTC 131
MD elongation at break*	3 %	3 %	AFERA 5004/PSTC 131
Adhesion to steel plate*	11 N/cm	100.5 oz/in	AFERA 5001/PSTC 101

**Backing material**

>80% bio-based fiberglass reinforced flatback paper

**Type of adhesive**

Synthetic rubber resin - solvent free

\*Typical value

**Available colour**

Brown

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