

# ENVIRONMENTALLY FRIENDLY PRODUCTS

## BIODEGRADABLE & COMPOSTABLE TAPES



Compostable



Biodegradable



Non-toxic

### FEATURES :

**[Biodegradable & Compostable]** If buried with proper soil environment, more than 90% of the material will be converted to CO<sub>2</sub> and water after 6 months.

**[Non-toxic]** It is combustible without generate harmful substances. Less CO<sub>2</sub> emissions than other plastics and more carbon reduction. Adhesive does not contain solvent, non-toxic and low pollution.

**[Metal Free]** Completely non-toxic, no plasticizer and metal free, reducing the pollution caused by disposable plastic waste.

**[High transparency]** **[Good printability]** **[User-friendly]** Easy to tear and water resistant.

**[Sustainability]** Up to 45% CO<sub>2</sub> reduction (compared to OPP tape).

**[Meets EN13432]** .

### Kraft Paper/Cellulose Film

Plant Resources

Plant / Wood

Trees

Achieve Carbon Reduction And Plastic Reduction



Page 02

Zero Plastic Tape



Page 02

Invisible Mending Tape



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Rubber Kraft Paper Tape



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Gummed Tape

### TEST REPORT

#### ANALYTICAL RESULTS

|   | Value/ Uncertainty   | Unit of measure       | LoQ   | LoD | Start/end date of analysis | Op. units | Ro w |
|---|----------------------|-----------------------|-------|-----|----------------------------|-----------|------|
| <b>ON SAMPLE AS IT IS</b>                             |                      |                       |       |     |                            |           |      |
| TOTAL ORGANIC CARBON (TOC)<br>Met.: UNI EN 13137:2002 | 440 000±110 000      | mg/kg (as C)          | 1 000 |     | 16/09/2021-19/09/2022      | 02        | 2    |
| AEROBIC BIODEGRADABILITY<br>Met.: ISO 14855-1:2012    | view attachment      |                       |       |     | 16/09/2021-19/09/2022      | 02        | 3    |
| Aerobic biodegradability                              | view attachment      |                       |       |     |                            |           | 4    |
| Time  | 180                  | days                  |       |     |                            |           | 5    |
| Biodegradation test material                          | 90,9                 | % weight/weight (w/w) |       |     |                            |           | 6    |
| Biodegradation reference material                     | 97,2                 | % weight/weight (w/w) |       |     |                            |           | 7    |
| ORGANIC MATTER<br>Met.: UNI EN 13452:2002             |                      |                       |       |     | 16/09/2021-19/09/2022      | 02        | 8    |
| Solid residue   | 87,25±0,78           | g/100 g               | 0,10  |     |                            |           | 9    |
| Ashes at 550 °C                                       | 0,51±0,18            | g/100 g               | 0,10  |     |                            |           | 10   |
| Volatile solids                                       | 86,74±0,80           | g/100 g               | 0,10  |     |                            |           | 11   |
| PROJECT MANAGEMENT: BIODEGRADABILITY<br>Met.:         | view attached report |                       |       |     | 16/09/2021-16/09/2021      | 02        | 12   |

#### Operative units

Unit 02 : Via Castellana Resana (TV)

See ATTACHMENT 'BIO ISO 14855' of 13 pages

## RECYCLED TAPES (SUSTAINABLE TAPES)



Carbon Reduction



Plastic Reduction



Recyclable

### FEATURES :

**[Carbon Reduction]** Less carbon emission after incineration and less energy required than traditional plastics .

**[Plastic Reduction]** Using recycled materials contributes significant reduction of new raw plastic materials.

**[Recyclable]** Able to be recycled. After the process of crush and extrusion, it could be reused as the raw material again.

**[Good printability]** **[User-Friendly]** Can be dispensed easily with tape dispenser.

**[Certified Material]** Film material is certified from Global Recycled Standard.

**[Non-toxic]** Water-based adhesive does not contain solvent, non-toxic and low pollution.

**[Environmentally Friendly]** Up to 25% CO<sub>2</sub> reduction (compared to OPP tape)

### Recycled Material Film

Low Carbon Adhesive

Reduce Plastic Usage

Achieve Carbon Reduction And Plastic Reduction



Page 01

Recycled OPP Tape



Page 01

Recycled PE Cloth Tape



Page 01

Recycled PET Packaging Tape



Page 01

Recycled PET Double Side Tape

## BIOMASS RECYCLABLE TAPES



Carbon Reduction



Plastic Reduction



Biomass

### FEATURES :

**[Carbon Reduction]** Less carbon emission after incineration and less energy required than traditional plastics .

**[Recyclable]** Able to be recycled. After the process of crush and extrusion, it could be reused as the raw material again.

**[Non-toxic]** Adhesive does not contain solvent, non-toxic and low pollution.

**[Strong adhesion]** **[Easy to tear by hand]**

### Paper

Low Carbon Adhesive

The Raw Material Of Paper Is Wood

Achieve Carbon Reduction And Plastic Reduction



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Masking Tape Series



Page 08

Flexible Crepe Masking Tape



Page 18

Kraft Paper Series



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Book Binding Tape