



e-colombo

the e-colombo trademark is registered and protected

COMPANY

Plastic pollution is one of the most urgent and pressing environmental problems that afflict our planet. In recent decades, the massive use of plastic and its inadequate management have led to an unprecedented accumulation of waste all over the world. Every year, millions of tons of plastic end up in lakes, seas, oceans, land and urban areas, causing a devastating impact on ecosystems and human health.

In 2024 E-Colombo was born, a company with the aim of distributing and exporting strictly ecological and biodegradable products worldwide to contribute to the reduction of pollution. Among the main products we find:

- ✔ **Biodegradable self -extinguishing and compostable plais in several formats and thicknesses (patented system)**
- ✔ **Biodegradable self -extinguishing and compostable Plais bags of various sizes, suitable for multiple uses (patented system)**
- ✔ **Ecological adhesive ribbons**
- ✔ **Biodegradable and compostable labels**





PLAIS

patented system

**Biodegradable, waterproof, self-extinguishing polymer,
Trust resistant, antistatic and 100% compostable.**

TRANSPORT AND VEHICLES

The workers will be able to take advantage of the our plais thanks to almost non existent static nature of the product, Also suitable for the coverage of vehicles.

DISTRIBUTION AND LOGISTICS

Protective packaging material, extensive and biodegradable films for each coverage.

FIREWORKS

A perfect coverage for mortars and for safety and waterproofing of bombs.

HEALTHCARE

Usable for perfect coverage beds and appliances to keep everything perfectly isolated and sanitized.

BUILDING AND CRAFTSMEN

Intended to help businesses of constructions, painters, carpenters and all kinds of business is used in this field.

MORE USE

The fields of use of ours product are inexhaustible and Simply to develop, constant research distinguishes us.



PLAIS

Formats and thickness

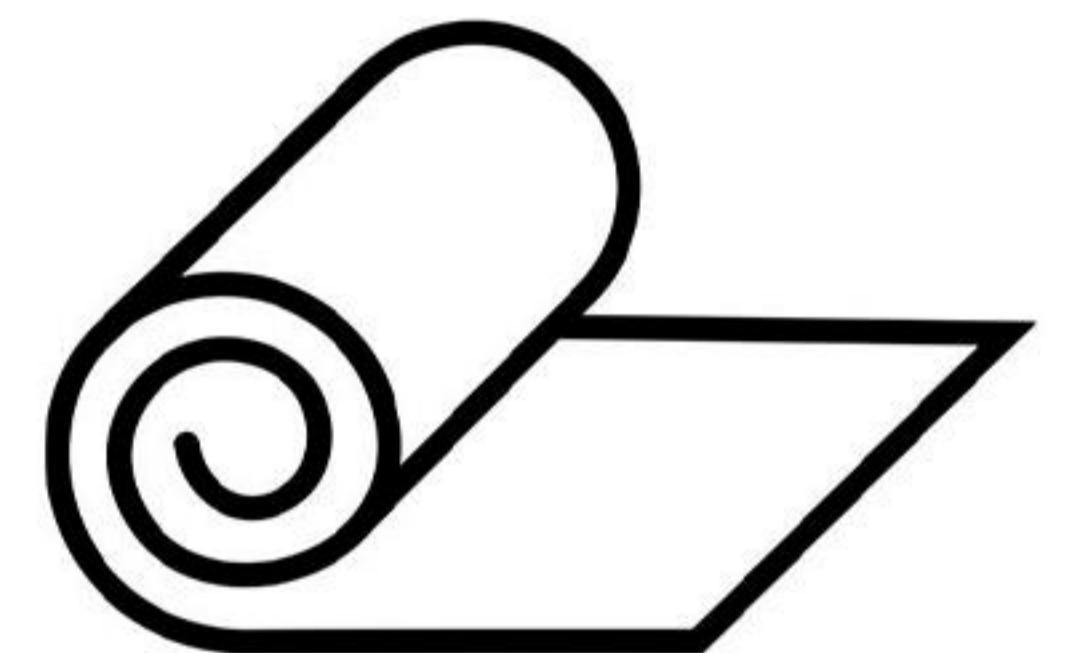
20

40

60

100

300



THICKNESS

20 µm

THICKNESS

40 µm

THICKNESS

60 µm

THICKNESS

100 µm

THICKNESS

300 µm

LENGTH

330 mm
3200 mm

LENGTH

330 mm
3200 mm

LENGTH

330 mm
3200 mm

LENGTH

330 mm
3200 mm

LENGTH

330 mm
3200 mm

What distinguishes our Plais is its ability to adapt perfectly to your needs, making it versatile and reliable in every situation. Regardless of the format chosen, our Plais maintains a uniform, high quality composition, which guarantees a number of key benefits: maximum biodegradability ensures minimal environmental impact, impermeability protects materials from any external agents and a self-extinguishing component reduces safety risks.

PLAIS



BAGS

Products in Plais

***Biodegradable, waterproof, self extinguishing polymer,
Trust resistant, antistatic and 100%compostable.
Available in various sizes.***



BIOTAPE



ECO PAPER



HAVANA



ADHESIVE TAPE

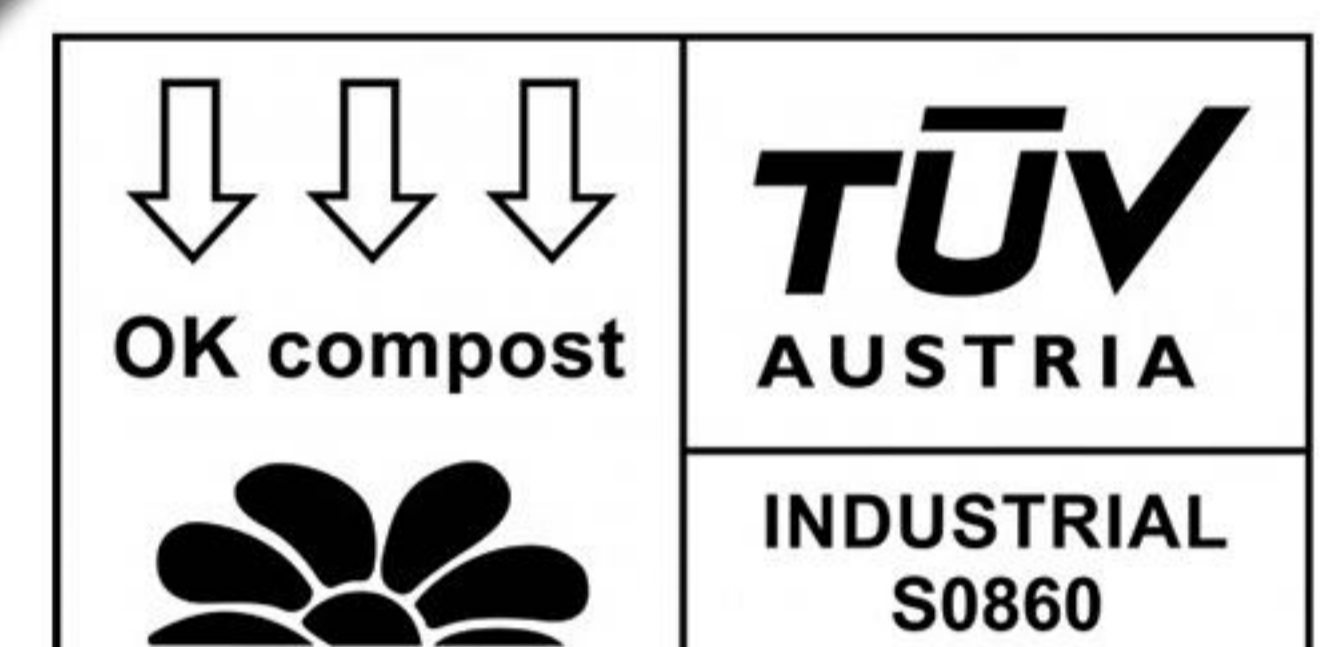
Our products



BIOTAPE

Choose your tape

- ✓ Ecological and resistant, ideal for each project
- ✓ Respect the environment thanks to biodegradable materials
- ✓ Reduces the environmental impact without compromising quality



TUV Austrian eco-sustainable certificate in full compliance with the requirements EN 13432 ASTM D 6400-04, AS 4736 (2006) and ISO 17088 (2012)

LENGTH	66 meters
WIDTH	12 - 50 mm
THICKNESS	0.047 mm
RESISTANCE	cN / 25 mm 500
ADHESIVE POWER	0.047 mm
OPERATING TEMPERATURE	Up to 60 °
CENTRAL DIAMETER	76 mm
TEMPERATURE WAREHOUSE	Room temperature
COLOR	Transparent

The film is made through products of organic origin. The adhesive is composed of natural rubber (caoutchouc). The product is therefore completely environmentally sustainable and suitable for industrial composting.

A primary goal of the European Green Deal is to make Europe climate neutral by 2050. The adhesives industry is supporting this by working toward carbon neutrality and biodegradation. Our Biopack adhesive enables the goal of zero CO2 emissions.



RESISTANCE
to temperature



EXCELLENT ADHESION
on all types of surfaces



ROTATION
facilitated



HAND TEARABLE
(hand-cut)



ECO PAPER

Papertape

- ✔ Especially suitable for lightweight packaging
- ✔ Both for manual and automatic use
- ✔ Useable for flexible printing machinery



LENGTH	50 meters
WIDTH	25 - 50 mm
THICKNESS	135 µm
TEAR RESISTANCE	Si
WEAR-RESISTANT	Si
HUMIDITY RESISTANCE	No
CENTRE DIAMETER	75 mm
WEIGHT SUPPORTED G/M ²	58 grams
COLORS	Brown - White
BREAKING LOAD KG / 5 CM	around 15

It is advisable to use this product within 12 months from the date of purchase. The rolls should be kept in their original packaging, storing the tape away from light and heat sources. The tape should be stored in a dry environment with less than 65% humidity, preferably at a temperature between 15° and 25°.

The values given in the data sheet are the average result of product research and are not legally binding. Technical information and data may be subject to change subject to product ageing.

HAVANA

Excellent product

- ✔ Robust and difficult to perforate
- ✔ Recyclable paper
- ✔ Printable



EN 13432/02

LENGHT	150 - 200 - 500 mm
WIDTH	40 - 100 mm
THICKNESS	0.047 mm
TYPE OF ADHESIVE	Vegetable glue
BREAKING POINT	5,10 kN/m
TOTAL WEIGHT	100 gr / mq
MATERIAL WEIGHT	80 gr / mq
WEIGHT OF VEGETABLE ADHESIVE	20 gr / mq
COLOR	Trasparent

Gummed paper tapes are the totally environmentally friendly, natural and recyclable solution for sealing packaging. They are made of kraft paper and glue from vegetable sources. The adhesive is activated by the use of water evenly distributed on the tape. For industrial use, they are paper recyclable.

LABELS

Made of compostable paper



FRONT

Semi-gloss white, woodfree, machine-coated printing paper on one side.
Produced from FSC-certified pulp
(FSC Mix Credit, chain of custody number CU-COC-807907, Licence: C004451)
Grammage: 80g/m² - ISO 536 Thickness 69 µm - ISO 534

ADHESIVE

S9500 biodegradable and compostable acrylic adhesive

SILICONISED HOLDER

BG40 white, supercalendered white glassine paper. Grammage:
60g/m² - ISO 536 Thickness 53 µm - ISO 534

LAMINATE

Total thickness 136 µm ± 10% - ISO 534

PERFORMANCE

Initial adhesivity: 12.5 N/25mm - FTM 9 Glass - Final adhesivity 90°: 7 N/25mm - FTM 2 St.St.
Minimum application temperature: 5°C - Operating temperature: 20°C up to 80°C

ADHESIVE PERFORMANCE

Adhesive characterised by good initial tack and final adhesion on a wide range of surfaces

APPLICATIONS AND USAGE

A product suitable for a wide range of promotional and industrial applications where the attractiveness conferred by the semi-gloss finish with multi-colour printing is required. S9500 can be used for all types of applications but is especially suitable for applications where the packaging is required to be fully biodegradable or where there is indirect or direct contact with dry food (fruit and vegetable labelling). Liner made from FSC-certified paper (FSC Mix Credit, Chain of Custody nr. CU-COC-807907 - Licence Code: C004451)

CONVERTING AND PRINTING

Front suitable for printing solid-colour or halftone images as well as letterpress-printed text, flexo (water-based UV) offset and screen printing.
Also suitable for hot and cold foil printing, varnishing and variable data printing with thermal transfer

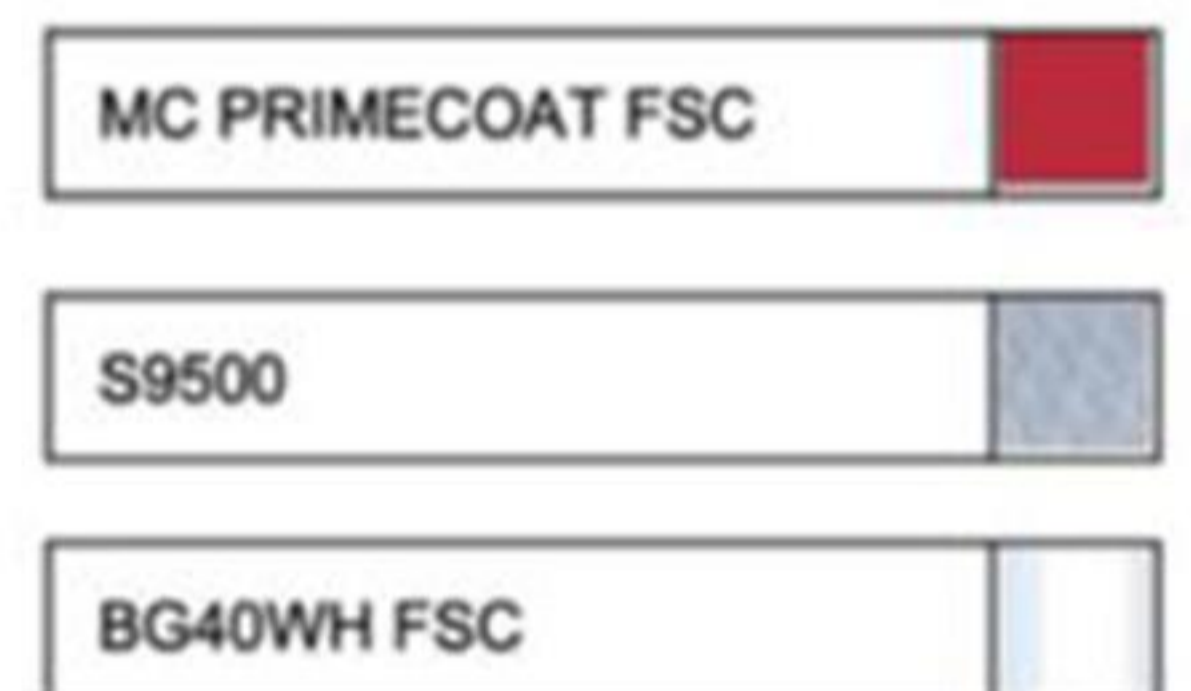
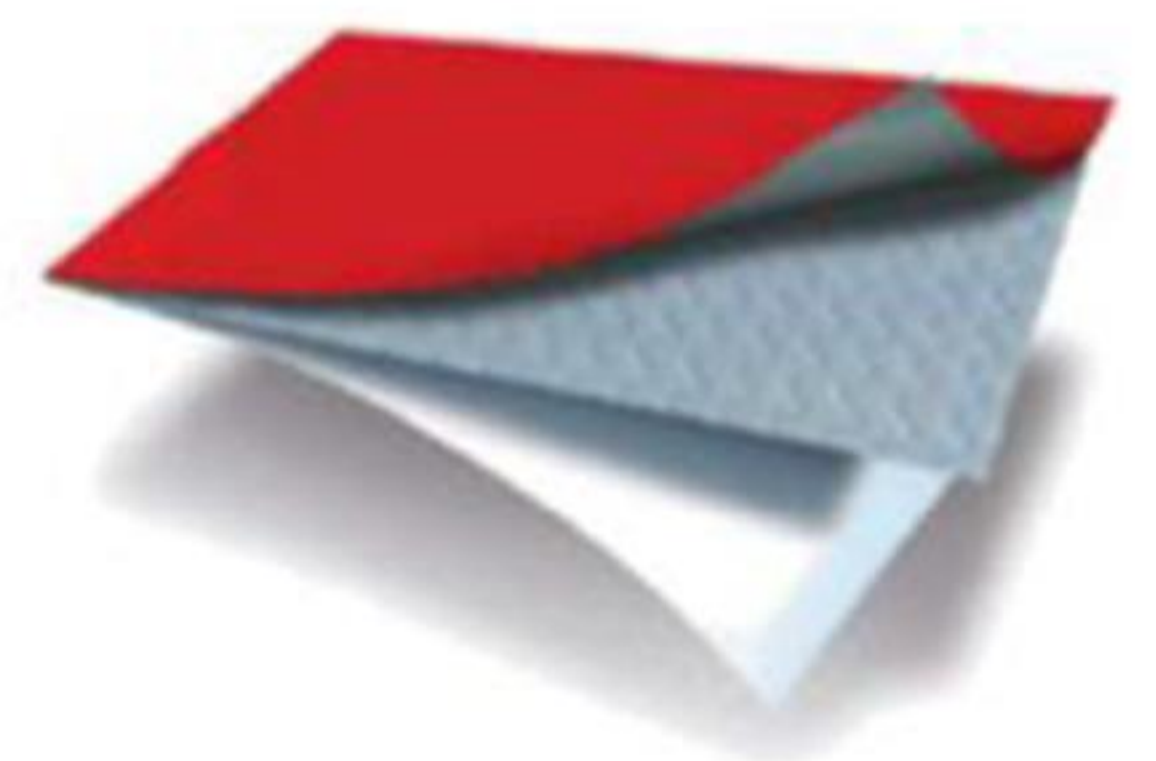
SPECIAL APPROVALS

S9500 complies with European Directive No. 1935/2004/EC for direct contact with dry, non-fatty foodstuffs.
S9500 complies with DIN EN 13432 for biodegradability and compostability and is certified 'OK COMPOST' with certification number S259.

STORAGE LIFE

Two years in storage conditions (20-25°C; 40-50% relative humidity).

AM234
Fasson
MC PRIMECOAT
FSC - S9500 - BG40WH FSC





e-colombo

CONTACT US

Our catalogue is constantly being updated, please contact us for further information or for customised products.

DEDICATED TO

- ✓ ***Wholesalers***
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- ✓ ***Privates***

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