



【GreenNP】 VALUE ADDED 100% COMPOSTABLE PACK

FEATURES.

Samples
Available!



Use **Water-Based Ink** which is more environmentally-friendly than solvent-based ink. Manufacture in Non-VOC production lines.

With a natural look, **made of Kraft Paper Outer and High Barrier Interior** against light, oxygen and water vapor.



Each of the film layers is **derived from natural sources** (wood pulp, sugarcane, corn starch...) to replace traditional plastics that can take hundreds of years to decompose in the landfill.

HIGHLIGHTS.



The laminated structure is certified compostable by BPI (US Biodegradable Products Institute), in compliance with ASTM D6400 standard (>90% degradation in 6 months).



The packaging can be returned to natural circle at the end of its lifespan after use to **reduce the environmental impact**. Cheers to a more sustainable future!



The packaging is suitable for a wide range of products, such as Coffee, Food, Frozen Food, Snack, Powder, etc with a good barrier to improve product preservation.



WHY BPI MATTERS.

BPI is North America's leading certifier of compostable products and packaging. Products are tested under the scheme in the approved and independent laboratories.

The BPI certification provides the assurance of industrial compostability for a product or packaging.



COMMERCIALLY
COMPOSTABLE ONLY.
FACILITIES MAY NOT
EXIST IN YOUR AREA.
CERT #10529291

[LEARN MORE ON BPI WEBSITE](#)



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MORE ON BPI'S CERTIFICATION PROCESS.

[EN 13432]
Analyze the multi-layer structures to identify the components.

1st
Material
Identification

[US EPA, EN 14582]
Specific heavy metals below defined limits.

2nd
Heavy
Metal
Analysis

[ISO 14855]
Min. 90%
to degrade
within 6 months.
(measurement on CO₂)

3rd
Bio-degradation
Test

[ISO 20200]
Min. 90%
to fall apart
within 12 weeks.
(composting
environment 58±2 °C)

4th
Disintegration
Test

[OECD 208]
Grow corn and
peas to prove no
toxic effect of the
resulting compost
on plants.

5th
Eco-toxicity
(Plants Growth)
Test

Result
PASS

Result
93%

Result
96%

Result
PASS

👉 HOW IT ACTUALLY BREAKS DOWN!



Week 0

Initial 20gram
Dried Mass



Week 2



Week 6



Week 12

Final 0.8gram
Dried Mass

=Disintegration
rate 96%



Week 8



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SPECS / FAQ & CONTACT US

PRINTING

- Up to 10 colors including CMYK, spot colors and matte ink.

SIZE & CAPACITY

- Customize based on requirements and the product being packed.

STORAGE ENVIRONMENT

- Optimal:
Humidity 60%,
At 24-26°C
Avoid direct sunlight

SHELF LIFE

- Approx. 12 months.

Q: Will the packaging start to decompose on my shelf?

➤ A: Don't worry 😊
The degradation process of the packaging won't start unless in a composting environment.

BAG STYLE

- Stand Up Pouch (Doyen/Plow), Flat Bottom Pouch, Flat Pouch, Side Gusseted, Quad Seal Bag, Back Sealed Bag, Rollstock, etc.

ACCESSORY

- Fully Compostable zipper, Compostable degassing valve, Handle, Tin-tie, Round corner, Euro hole, Hang hole, Tear notch, etc.

HOW TO COMPOST

Q: Where do consumers put the packaging after use?

- A: In most countries, the compostable bags cannot be put in the regular recycling bins.

Please check with the composting service in your area to learn more info about the waste disposal regulations.

INDUSTRIAL COMPOSTABLE VS. HOME COMPOSTABLE

Q1: What's the difference between Industrial and Home composting?

- A: We know it can be VERY confusing! Please see below.

Compost Type	Industrial	Home
Disintegration Temp.	approx. 58±2°C	approx. 20-30°C
Disintegration Time	>90% in 12 weeks	>90% in 26 weeks
Composting System	composting facility	compost heap in your backyard

Q2: Is GreeNP home compostable?

- A: The 3-layer-laminate is certified industrially compostable. As each material is certified home compostable individually, the laminate should be able to pass home compost test. We're working on obtaining one. So stay tuned 😊



FEEL FREE TO ASK US ANYTHING, WE LOVE HEARING FROM YOU ✧



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