

THE POWER OF PAPER

Packaging material with a future





Paper packaging, the sustainable solution for in-the-box protection

Since 1972, we have become experts in the paper packaging industry, delivering the highest quality of protective packaging while preserving our commitment to sustainability. All of our natural packaging solutions are 100% recyclable, renewable and biodegradable. More than 50% of Ranpak paper packaging consists of either entirely or partially recycled content. Our solutions reduce packing time and materials, resulting in significant cost savings.



Paper is created from a 100% renewable source

Renewable

Paper is one of the most sustainable products as it is made from renewable resources. It is biodegradable and can cycle back in its original source for renewable energy. As trees grow they absorb CO₂ from the atmosphere. Furthermore, as a wood product, paper also continues to store carbon throughout its lifetime.



Paper is a non toxic biodegradable material

Biodegradable

Biodegradation is the process by which biological organisms break down substances into basic compounds like CO₂, water, and biomass. For natural items like paper this process can take as little as a week to a few months. Other man-made products, as plastics, can take so long to degrade that for all practical purposes they are considered non-biodegradable.







Paper is an easy to recycle material

Recyclable

Recycling paper conserves natural resources, saves energy, reduces greenhouse gas emissions, and keeps landfill space available. Paper recycling reduces our dependence on oil products as plastic, which have some horrific effects on the environment. Paper is the most recycled product in Europe with a rate above 72%.



Our next steps on sustainability

Recycled paper configurations

We take our green approach a step further to be the smartest choice. Paper can be recycled up to 7 times, each time changing its attributes. We capitalize on this thought by offering an array of “green paper qualities” that are recycled to different degrees to suit different applications.





Well managed raw materials

We also focus on practicing our green DNA in every part of the value chain. For instance, our Geami paper is FSC® certified to ensure responsible natural resource management.



Reduce material use

Next to ensuring the materials used are as sustainable as possible, it is getting increasingly important to reduce material usage as well. Automation systems to improve the packaging process, reduce waste and material usage are inventive solutions which Ranpak can help you with.





#Keepouroceansclean

The world produces over 400 million tons of plastic every year. There are 165 million tons of plastic in our ocean with almost 9 million tons being added each year.

Even though people are aware of the plastics issue, they are not thinking about in the box packaging. More packages are being shipped today than ever before and more protective packaging is being shipped right along with them. In fact, plastic packaging accounts for half of our global plastic waste. What's worse, only a fraction of the plastic we place in recycling bins, actually gets recycled. It's time for a change and consumers want companies to do their part. 81% of consumers feel strongly that companies should improve the environment.*

That's where Ranpak comes in. Our innovative paper solutions are 100% recyclable, renewable and biodegradable. They are good for the environment.

**We offer
the alternative,
you make the
choice.**

Airbags



Low protective performance

Airbags transmit shocks to a product.

Low speed of operation

Slow operating speed and additional storage required.

Low cost efficiency

Additional costs for handling and storage.

Paper



High protective performance

Paper provides good shock absorption.

High speed of operation

Paper is produced on-demand for a high operating speed.

High cost efficiency

Competitive costs-in-the-box.

Foam



Medium protective performance

Foam is too solid and stiff to actually absorb shocks.

Low speed operation

Slow operation speed due to chemical process.

Low cost efficiency

High initial investment and high material costs.

Paper



High protective performance

Paper is natural flexible and absorbs shocks.

Fast speed of operation

Fast speed allowing maximum box throughput.

High cost efficiency

No initial investment required and lower material costs.

Bubble on-demand



Medium protective performance

Bubble can transmit shocks to the products.

Low flexibility

Limited packing techniques possible.

Low cost efficiency

More material used, difficult to dispose off.

Paper

S



High protective performance

Waved paper solution absorbs shocks.

High versatility

A single effective solution to diverse packaging challenges.

High cost efficiency

A high-volume pad, cut to precise length, using less material.

Bubble



Low protective performance

Bubble wraps transmits shocks to a product.

Low speed of operation

Slow handling speed and additional tape required.

Poor customer experience

Plastic is more voluminous and more difficult to dispose off.

Paper



High protective performance

Paper provides good shock absorption.



High speed of operation

Paper is produced on-demand for a high operating speed.



Good customer experience

Paper offers an enhanced unboxing experience.

EPS box



High level of box handling

Boxes have to be moved from truck to storage to packing stations.

High storage costs

The volume of stored EPS boxes require huge amount of warehouse space.

Medium protective performance

EPS takes care of a good temperature protection, but transfers shocks to the products.

Paper



Paper production on demand

Fast speed paper pad production via variable modes.



Low storage costs

One pallet of paper is comparable to 2.600 medium sized EPS boxes.



High protective performance

Paper absorbs shocks and is a good insulator.



Packaging material with a future

At Ranpak we are so conscious of our responsibility to the environment that we strive to produce the most environmentally friendly in-the-box packaging. Ranpak only works with FSC® certified suppliers and for the Geami paper Ranpak is FSC® certified. This certification ensures that the supplier manages the forests in such a way that the forest's biodiversity, productivity and ecological processes are maintained. The use of Ranpak paper does not take away the world's natural resources or fossil fuels, thereby helping to create an environmental healthy earth.

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.



**SCAN &
WATCH
VIDEO**

THANK YOU!

for choosing our
sustainable packaging solution



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