THE FIRST SEALED PAPER PACKAGING

Dust-tight. Sustainable. Unique.
A clean environment, shelves and supply chain without compromising material strength and stability. Now you can replace plastic bags with the first Sealed Paper Packaging for dry foods – and get excellent food protection with less material.

The revolutionary paper bag is made possible by the smart combination of innovative packaging engineering and Axello® ZAP paper from BillerudKorsnäs and the first and only vertical form fill and seal machine (VFFS) with ZAP-Module - the breakthrough technology of Bosch. The result is a mono-material paper packaging for dry food with the benefits of lower packaging waste fees and minimized food waste as well as a lower eco footprint than corresponding conventional packaging.

**THE SUSTAINABLE CHOICE:**
- Renewable and recyclable paper, primary fibres from slow-growing Scandinavian forests
- Manufacturing less dependent on fossil resources than plastic, lower carbon footprint
- Minimal material consumption, minimal food waste

**ENHANCED CONSUMER EXPERIENCE:**
- Clean shelf, pantry and table
- Effective branding through printability of Axello ZAP paper
- Paper provides natural tactile experience and allows for a construction with stiffness providing better storage and usability

**INCREASED FOOD PROTECTION:**
- Dust-tight – the seal reliably keeps contamination out and food particles in
- Paper provides protection that is FDA and BfR certified
- Controlled tear – easy to open
Perfect for a broad range of dry food products

- Pasta
- Oats
- Rice
- Flour
- Muesli
- Sugar

65% lower carbon footprint than a corresponding plastic bag*

Innovative packaging engineering

The dust-tight Sealed Paper Packaging is a product of our ambition to drive packaging innovation. Whatever your challenge, we have the knowledge, experience and advanced equipment to assess your current packaging solution.

We will come up with an alternative that improves performance and saves cost, or develop something entirely new that will help you increase both sustainability and profits. With our innovative packaging engineering we design your packaging to be functional, protective, appealing, cost-effective, user-friendly and environmentally sound. To ensure high performance, we use prototyping for tests under real-life conditions.

We help you make sure that both the contents and packaging stay in perfect condition during transport and handling. We offer support in structural design and material recommendations for best function, performance and user-friendliness.

We call this Smarter Packaging Services

PACKAGING INNOVATION
Structural design and knowledge-driven innovation that support new packaging solutions. Focus on performance, user-friendliness and shelf standout.

PACKAGING OPTIMIZATION
Packaging engineering to evaluate, improve and optimize existing solutions. Performance tests in simulated real-life conditions.

EDUCATION & WORKSHOPS
Sharpening your competitive edge with Smarter Packaging Seminars and expert knowledge about materials, performance and sustainability.
Axello ZAP
– part of a complete solution

Organic products are best packaged in paper. BillerudKorsnäs Axello ZAP is as natural as these products and provides demanding foods with safe, attractive and durable packaging.

We know that paper quality is very important for reliable production. The qualities of Axello ZAP are consistent and always perform in the same way in modern conversion lines and filling processes.

We also know that the consumer is drawn to packaging that is clean, whole and has good printing qualities. As a result, winning the battle for the customer puts high demands on the appearance of the packaging. Axello ZAP delivers on these parameters, and offers great printability resulting in packaging that attracts the consumer. Axello ZAP also has a natural feel and is as white as it is strong and stiff. A successful combination, quite simply.

Naturally, our products should guarantee the consumer’s health, and paper made of primary fibre is an important starting point. Products from BillerudKorsnäs comply with FDA and BfR directives on direct contact with food.

AXELLO ZAP
Axello ZAP is a kraft paper customized to work with the new PME ZAP from Bosch. The natural strength, stretch and surface properties of the paper match the demands of the VFFS process.

Axello ZAP is available with FSC®/PEFCTM certification

PME ZAP
The PME ZAP VFFS machine from Bosch is the foundation of the unique dust-tight Sealed Paper Packaging solution, featuring partial inline application of sealing agent with the ZAP-Module.
Natural quality from pure raw materials

BillerudKorsnäs Axello ZAP paper is made of 100 per cent primary fibre from Scandinavian forests. Our pulp is a perfect mix of short and long fibres that together result in a strong and durable paper with good printability. In addition, the primary fibres ensure that the paper is pure – a necessary property for paper that comes into direct contact with food.

Genuine concern for the environment

Active environmental work is a natural ingredient in all our processes – from raw material to finished paper. Our raw material comes from carefully controlled and sustainable forestry where replanting is a matter of course. We power our processes with biofuel from the forest. Together with independent experts, we measure the climate impact of our products.

We have come a long way – but now we want to go even further. Concern for the environment is an ongoing process that never ceases in our activities.

A tradition of responsibility

Swedish forestry is subject to tough growth objectives – for each tree felled, between two and four new trees are planted. As a result, the Swedish forests have increased 50 per cent in volume in the last 60 years.
We challenge conventional packaging for a sustainable future

To challenge conventional packaging is second nature to us. We constantly strive to improve packaging. From protecting and preserving goods to creating fun, interactive consumer experiences, enhancing recycling and reducing environmental impact.

Our commitments for a sustainable future:

**RESPONSIBLE VALUE CHAIN**

1. Promote responsibility from raw material supply and production to recycling

2. Provide engaging workplaces where safety, diversity and human rights are a priority

**INCREASED CUSTOMER VALUE**

3. Improve our customers’ business using our knowledge of sustainable packaging solutions

4. Through innovation, expand the market of renewable packaging materials

**SUSTAINABLE AND BIO-BASED SOCIETY**

5. Combat climate change throughout the value chain

6. Generate value for society through global and local collaboration
Revolutionize your brand by using the innovative technology from two leading packaging solution providers

www.sealedpaperpackaging.com

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