

Hexpand by Akarton

Innovation in Packaging

THE FUTURE OF FLEXIBILITY
AND PROTECTION



THE PACKAGING INDUSTRY IS UNDERGOING A SIGNIFICANT TRANSFORMATION.

The demand for flexible, efficient, and sustainable packaging solutions is increasing due to stricter environmental regulations, changing consumer expectations, and the pressure to optimize operational processes. Innovation managers in industries such as e-commerce, spare parts supply, and cosmetics manufacturing are searching for advanced packaging solutions that not only protect products but also contribute to more efficient and sustainable business operations.

Hexpand™ offers an innovative, patented mono-material packaging solution that fully adapts to various product shapes and sizes. This represents a revolution in how companies can optimize their logistics and packaging strategies.

THE EVOLUTION OF PACKAGING SOLUTIONS

Traditional packaging methods often require a combination of different materials, such as cardboard, plastic fillers, and foam, to protect products during transport. This not only results in higher packaging costs but also leads to complex recycling processes and a significant environmental impact. Additionally, inefficient packaging formats cause unnecessary waste of storage and transport capacity.

Hexpand™ is designed to address these issues. The system is made entirely from recyclable cardboard and features a patented stretchable design that conforms to the shape and size of the product. This eliminates the need for large amounts of paper or filler materials, significantly reducing both packaging costs and ecological footprint.



TECHNOLOGY AND DESIGN: WHY HEXPAND™?

Hexpand™ combines advanced packaging innovation with simplicity and efficiency. The core technology is based on a specially developed die-cutting technique that allows for stretchability and resilience, securely wrapping around the product.

This provides three key advantages:

- **Optimal product protection**

The sturdy cardboard secures and absorbs shocks and vibrations, ensuring better protection during transport and handling without the need for additional paper fillers, plastic, or foam.

- **Reduced material usage**

Since Hexpand™ adapts to different product sizes, fewer packaging formats are required, simplifying procurement, storage, and handling.

- **Compliance with environmental regulations**

Meets the latest legal environmental requirements, including PPWR and EUDR.

STRATEGIC ADVANTAGES FOR DIFFERENT SECTORS

For innovation managers in e-commerce, the spare parts industry, and the cosmetics sector, Hexpand™ provides targeted benefits:

E-commerce

Fewer packaging variations required, leading to greater efficiency in storage and shipping, lower costs, and faster processing.

Spare parts & industrial components

Strong protection without additional filler materials prevents damage during transport, reduces returns, and lowers overall packaging costs.

Cosmetics & luxury products

A premium look combined with sustainable packaging enhances brand positioning and customer satisfaction.

IMPLEMENTATION AND INTEGRATION INTO EXISTING PROCESSES

Switching to Hexpand™ requires **minimal adjustments** to **existing packaging lines**. The flexible structure allows for both manual and automated processing, enabling companies to streamline their packaging processes **without significant investments** in new machinery.

Additionally, eliminating unnecessary filler materials simplifies waste management and **supports sustainability goals**.

Hexpand™ **meets the latest legal environmental standards**, including PPWR and EUDR.



HEXPAND™

by AKARTON

Save costs, reduce waste and optimise your process.

Hexpand™ is not just an innovative packaging solution but a strategic innovation that helps companies operate more efficiently, sustainably, and cost-effectively.

The flexible and recyclable properties of the patented design make it a future-proof choice for businesses looking for an advanced and responsible packaging strategy.

**Contact us today
to get started!**