

# TRANSPORT PACKAGING SOLUTIONS

**CARTON BASED COMPONENTS  
FOR LOGISTICAL NEEDS**



**ELTETE**

**SUSTAINABLE, STRONG AND LIGHT-WEIGHT  
OPTIMIZE, MINIMIZE AND SECURE YOUR CARGO**





# RECYCLING - YOUR CONTRIB

## **EDGEBOARDS / PACKAGING PROFILES - Protection, stability and stacking strength**

Many traditionally used packaging materials do not give enough protection against hard impacts and even a small scratch can lead to a claim for compensation. Reinforce your packaging and protect your product with edgeboards. They are delivered ready-cut to the correct length and they can be combined with stretch foil, shrink wrap and strapping. The quality, size and strength are chosen individually for each use. Qualities can be chosen from bio-qualities, which are laminated with water-soluble PVA glue, to HS-qualities (heat-sealed) which are suitable for humid conditions. Packaging Profiles have been developed for more demanding conditions.



## **THE BOX - The ideal transport box**

A combination of honeycomb board, Packaging Profiles and PallRuns® makes a light but strong box. It is a good choice for substituting heavy wooden and plywood boxes. Easy to assemble, handle and recycle, it is often used as an export packaging unit.



## **PALLRUN® Pallet runner- Cost-effective and versatile**

PallRun® is a 100 % recyclable cartonboard pallet foot for replacing wooden or other kinds of palletrunners/pallets, wherever possible. It is a combination of compact cartonboard (U-profiles) and stabilisation elements (cores). The surface of the U-profiles is reinforced by wet strengthened kraftliner giving high protection for humidity. PallRun® needs no treatments like wood.



## **SLIP SHEETS - Transfer sheets for palletless handling**

Slip Sheets/transfer sheets are made of wet strengthened high-quality kraftliner. The multilaminated material makes the Slip Sheets extremely tear- and moisture-resistant. They can be used as a substitute for traditional pallets. This transport and storing system without pallets is suitable for such application as overseas shipments and intra-corporate deliveries. Slip Sheets are already being used by many different businesses for a wide range of products.



**Slip Sheets can replace traditional pallets!**

# UTION TO THE ENVIRONMENT



## **FRAMEPACK® - Transport Packaging Solutions (TPS)**

Strong - flexible - ISPM-15-compliant - 100% recyclable - one material packaging. Innovative Eltete solutions are providing companies worldwide with an optimal compact carton packaging solution. By combining different elements from our range of products, we can provide each customer with exactly the correct packaging for their needs. It can be a frame with a carton pallet or it can be another combination that will satisfy the requirements. Our know-how is based on careful planning and experience over many years.



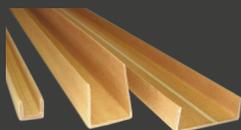
## **HONEYCOMB BOARD - Light and strong, 100% recyclable**

Honeycomb board is being used as top board for carton pallets as well as cushioning material for other applications in transport packaging. Thanks to its hexagonal shape, it is light, but at the same time has extraordinary strength properties.



## **CARTONBOARD PALLETS - Flexible deliveries for tailor-made pallets**

Our Carton pallet is assembled using the Eltete PallRun® and different elements as the top layer (edgeboards, flatboards, corrugated board, honeycomb or other similar supporting structure). 4-way and 2-way pallets are available, size/model options are flexible.



## **U-PROFILES AND FLEXPROFILES - Stronger protection with less material**

Protective edging - the perfect 'shock absorber' for your products! Reinforce your products with a protective U-profile that is both robust and economical! Damage to corners and sides during transport and storage causes extra expenses and problems. U-profiles are compressed using specially selected, plain kraftliner with water-soluble glue. These constituents make the U-profiles 100% recyclable - a prerequisite for today's packaging materials.



## **EDGERUNNER® - Tailor-made 4-way pallet**

This combination of PallRun® and edgeboard is an excellent, cost-effective alternative for replacing standard pallets. EdgeRunner can be placed directly under a box, shop display or other application. Different height options maximize space use which allows you to load more.



## **FLATBOARDS - Divide and protect**

The Flatboard is a 100% recyclable cartonboard product designed to replace materials like hardboard, MDF and chip board, which are hard to recycle. Due to its strength, size and quality, flatboard is a product with endless possibilities.



## **DUNNAGE BAGS - Securing your cargo**

Dunnage Bags can be used in containers, trailers, trains and ships. The concept of Dunnage Bags is to be a cushion, protect loads against impact, brace the load and prevent movement. Our re-usable valve allows the re-use of the bags. Inflating time is minimum, which makes it possible to save on labour costs. This makes Dunnage Bags a very economical system for securing loads.



## **WA-EDGEBOARDS - Edgeboard for round objects**

WA-edgeboard (wrap around) is especially designed for rolls, round tables and other round or irregular objects. Due to numerous quality and size options, a suitable solution can be found for both heavy duty and very light applications.

# ABOUT THE COMPANY

ELTETE

The market is changing, growing bigger and more international all at the same time. This sets great challenges and requirements for packages, packaging materials and logistics. Current and future packaging trends dictate that the field should develop its own values, in which materials and recyclability dominate.



**Eltete TPM Ltd (Transport Packaging Materials) with headquarters in Finland is a global carton board refiner and a supplier of 100 % recyclable transport packaging materials. With experience since 1974 we follow the needs of the market today.**

**Innovative and high quality packaging solutions out of laminated compact carton board with self built technology, are being offered in more than 60 countries through Eltete sales and production network.**

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**We are constantly creating new products and solutions to serve our customers better than ever.**

# OUR SOLUTIONS BASED ON LOGISTICAL NEEDS

Eltete solutions will help you to optimize and to secure your shipments bringing savings and multiple benefits throughout your logistic chain.



## Case study: Palletless handling for export

Customer had a high freight cost in overseas shipments. They wanted to try palletless handling instead of using wooden pallets to be able load more goods per container.

**Solution:** Moving from pallets to laminated kraftliner Slip Sheets the shipments were optimized, which reduced freight cost by 15%. At the same time material cost went down 85%.



## Case study: Replace for styrofoam

Customer needed a “space eater element” to improve stability of packaging. The replacement solution should be able to withstand weight of several hundreds of kilograms and also be cost efficient.

**Solution:** By optimizing the raw materials in Honeycomb, we created a solution with high enough compressive strength. Also we strengthened the edge of Honeycomb with edge profile to withstand pressure coming from the strapping belt.



## Case study: Transport Box

Customer wanted to replace metal cages in internal shipments in order to reduce return-flow, claims, overall cost and negative environmental impact.

**Solution:** The Box (ScanStar Winner 2017) with PallRuns® (pallet runners) was proven to perform as expected. Overall level of cost reduction was 31% and cost reduction on claims was even 51%. Goods came to their destination clean and packaging could easily be disposed.

# ELTETE AND THE ENVIRONMENT

## Benefits of choosing our products

- Time saving in handling
- Reduction of transport damage
- User-friendly, safer than wood handling
- Savings in material and transportation costs
- A visible package/product is handled more carefully
- Gives the possibility to use "single-material packaging"
- Savings in warehousing, handling, labour and recycling costs
- Light, but strong enough for stacking up to 6500kg!
- End-user can easily dispose of the packaging material
- Environmentally friendly, clean and modern packaging gives good company image
- Flexible choices for achieving a strong, impact-resistant protection and an optimal packaging unit

Our slogan 3R, Reduce-Replace-Recycle, is the key to a more environmentally friendly packaging accepted anywhere in the world without restrictions.



Quality is our strength.



Cleantech Finland is a global leader in solving environmental challenges.



Promoting the responsible management of forests worldwide.



EN13393 (Packaging Specification of Edge protectors).

Eltete TPM products are certified by the German recycling system and carry a ReSy symbol which guarantees the recycling ability of the packaging material.

# GLOBAL PARTNERSHIP IS STRENGTH!

Eltete headquarters are located in Finland. Eltete Group member and partner production sites can be found globally. Eltete TPM is one of the world's leading producers of sustainable carton board transport packaging materials and solutions.



## PRODUCTION SITES

- HEADQUARTERS
- SUBSIDIARIES
- PARTNERS
- SALES OFFICE



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Our global know-how and partnership is transformed to strength, new ideas, development and specialisation. Through partnership, a better service can be provided both globally and locally.

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