

TRANSPORT PACKAGING SOLUTIONS

Almost 50 years of experience in producing sustainable packaging and pallet solutions

INSPIRED BY CUSTOMER NEEDS

RECYCLING - YOUR CONTRIBUTION TO THE ENVIRONMENT

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.

The combination of Honeycomb board and Packaging Profiles 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 applications 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

RECYCLING - YOUR CONTRIBUTION 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.



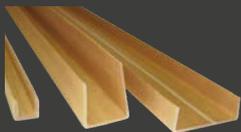
HONEYCOMB BOARD - Light, strong and 100% recyclable.

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 - 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.



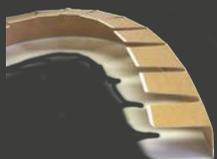
FLATBOARDS - Divide and protect.

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.



WRAP-AROUND 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 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 is a global carton board refiner and one of the leading producers of 100% recyclable transport packaging materials and solutions in the world.

With headquarters in Finland, our quality and product development is based on almost 50 years of experience which is converted to meet the needs of our customers, helping them to operate in a more productive and sustainable way.

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.

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 to 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 an ecological packaging to stabilize the packaging structure of the pallet. The replacement solution needed to withstand weight of several hundreds of kilograms and also be cost efficient.

Solution: By optimizing the raw materials in Honeycomb board we created a solution with high compressive strength. The new element stabilized the packaging and allowed our customer to stack the pallets. We also strengthened the edge of Honeycomb with edgeprofile to withstand pressure coming from the strapping.



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) 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

Many companies have noticed that the new environmental restrictions must be taken seriously and they will have an effect on the decisions when choosing packaging materials. Traditional metal- and wooden frames or pallets are being replaced with carton packaging, which has no need for fumigation for insects.

High energy content material (EPS, plastic) is being reduced; material is being replaced with easily recyclable materials such as carton. An environmental way of thinking helps to transmit good company image.

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

Eltete TPM 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.



Headquarters

Eltete TPM Ltd
P.O. Box 94 - Varastokuja 5
07901 Loviisa, Finland
+358 (0)10 505 6450
info1@eltete.com



Member of Eltete Group

Packprofil sp. z o.o.
ul. Zakładowa 3
47-110, Kolonowskie 1, Poland
+4877 400 43 50
info@packprofil.pl

Eltete Germany
Germany, Austria, Switzerland,
Lichtenstein
Stuttgart (Zentral Standort Süd)
Germany
+49 173 20 15 522

Eltete Germany
Northern/Western Germany,
Netherlands
Düsseldorf, Germany
+49 172 18 88 488

Eltete TPM Italia
Milano, Italy
+39 348 511 2923

ZAO "Eltete St.Petersburg"
St Petersburg, Russia
+7 812 454 5510

Eltete Vietnam Co. Ltd
Binh Duong Province, Vietnam
+84 274 3 793530 / 531 / 529

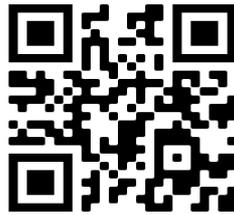
Eltete Malaysia Sdn Bhd
Selangor Darul Ehsan, Malaysia
+6 (03) 8061 1354 ext. 109

Shanghai ELTETE Packaging
Technology Co., Ltd.
Shanghai, China
+86 21 3365 5088 ext. 230

Eltete India TPC Pvt. Ltd.
Gujarat, India
+91 (0)260 2425474

Eltete Argentina SA
Buenos Aires, Argentina
Tel: +54 11 4702 0474

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.



www.eltete.com/tpm/
info1@eltete.com
+358 (0)10 505 6450