

CoverTec “strong”

Safety and durability for container systems

CoverTec “strong” is the new TRIPLEX structured-core panel that comes finished with either a high-strength, plain-weave polypropylene fabric or a special polypropylene non-woven material. When it comes to protecting load carriers and goods from damage caused by forklifts and pallet trucks, robust CoverTec “strong” is a truly impressive solution in every respect.



Extra protection from damage – for load carriers and their contents

During day-to-day use, the pallet enclosures of reusable container systems are repeatedly damaged by the forks of forklifts, pallet trucks, etc. New CoverTec “strong” offers efficient protection for both the pallet enclosure and the goods inside, thereby considerably enhancing the reliability and durability of the load carrier.

CoverTec “strong” combines TRIPLEX structured-core panels with an exceptionally stable, plain-weave polypropylene (PP) fabric or a special polypropylene (PP) non-woven. These materials are bonded to the panel by thermal lamination during the extrusion process, which completely eliminates the need to use environmentally harmful adhesives.

Thanks to the special textiles, impact energy is spread over a wide area instead of being concentrated at specific points. This gives the pallet enclosure added protection from impact damage and shear forces. The PP fabric and PP non-woven material in weights from 190 to 400 g/m² can be applied to both the inside and outside of TRIPLEX pallet enclosures. As the structured-core panels and textile coverings share the same material composition, CoverTec “strong” pallet enclosures are [100% recyclable](#).

Pallet enclosures covered with the PP fabric or PP non-woven offer excellent protection against impacts. Depending on the shape of the forks and the weight of the load carrier and its contents, they make it either much more difficult or impossible for sharp-edged truck forks to penetrate the container. What's more, when applied to the inside of containers, the textile covering prevents sharp-edged goods from punching through to the outside and also provides additional shatter protection for fragile goods. This protection has been verified in comprehensive fork impact and drop tests conducted under laboratory conditions. Pallet enclosures can still be finished according to customers' design specifications in the usual way. Whether the enclosure needs to be in a special colour or feature a customised overprint as part of a corporate design, all options are open, as the textile material is on the inside and therefore hidden from view.

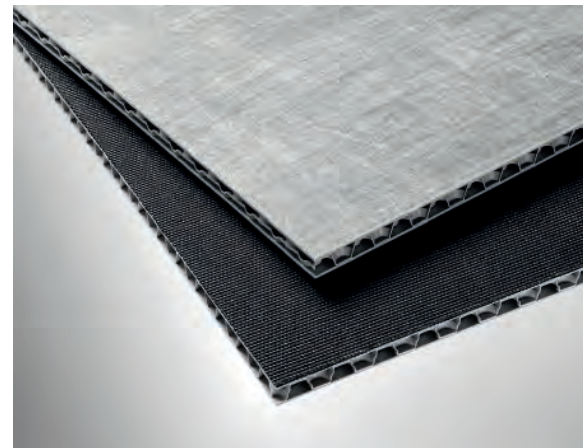
The bottom section of enclosures is particularly prone to damage caused by truck forks, which is why CoverTec "strong" is also ideal for container systems that utilise return enclosures. Applying these special textiles to a return collar is a particularly cost-effective solution that enhances the durability of the load carrier for the long term.

Whether applied internally or externally, and whether for full-load enclosures or return collars – CoverTec "strong" provides additional protection from damage and thus considerably and cost-effectively increases the number of turnarounds in your logistics chain.

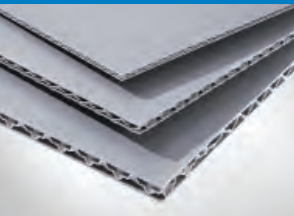
We welcome enquiries about small quantities of enclosures featuring innovative CoverTec "strong" technology. We keep standard panels in a range of sizes and cuts in stock.

CoverTec "strong" – for greater safety and durability

- Available for all container systems
- Suitable for full-load enclosures and return collars
- Optimum protection for containers and loads
- Excellent impact protection and enhanced impact, shock and shear strength
- Efficient shatter protection for fragile goods
- Suitable for use on the inside and outside of enclosures
- Enclosures can be customised
- Enhanced durability for pallet enclosures
- Available from a panel weight of 2500 g/m²
- Selection of high-strength PP fabrics and PP non-wovens from 190 to 400 g/m²
- Environmentally friendly thanks to being adhesive-free and fully recyclable



The quick way to contact us about your custom
CoverTec "strong" enclosure:
+49 (0)7456 69083-0 and info@triplex.de



Our promise

The focus of our work is on ideas to impress and serve our clients, as we strive to anticipate your needs of tomorrow, today. We think beyond the conventional approach, to test the imagination and achieve exceptional solutions. Ever open to experience and to new ideas, we aim to continually redefine standards. As a family-owned enterprise, we listen carefully and are mindful of the importance of partnership and fair dealing. Everyone contributes – with heart and mind. We see ourselves as a partner to all: employees, clients and suppliers.



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