



## Attachment sleeves

Secure, practical, smart and specially designed for flat pallets

TRIPLEX attachment sleeves combine shipping and sales packaging in one solution. In a matter of seconds, they turn a conventional flat pallet into a bespoke container that can be used to transport and store goods safely and securely – and is sure to catch the eye on the sales floor, too.

## From pallet to container – the fast way

Whenever a pallet needs to be turned into a container fast, that's when TRIPLEX sleeves really come into their own. They are the ideal solution for efficiently protecting transported goods or gathering together lightweight bulk goods. All attachment sleeves are manufactured to suit their particular application area and requirements.

Whether your flat pallets are wooden or plastic, single-use or reusable – you are sure to find a TRIPLEX attachment sleeve to meet your needs. When it comes to fitting the sleeves to the pallet, a range of variants with and without corner constructions and the smart Plug'n Pack corner adapter system are available. In addition, when transporting small goods, simple base inserts can be added to the pallets, and there is also the option of using sleeves with integrated folding bases for added safety in transit. Custom protective covers made from folded TRIPLEX structured-core panels or KIBO twin-wall panels can be made in all sleeve sizes. Furthermore, attachment sleeves for Euro pallets can be fitted with a dimensionally stable lid, meaning the containers can even be stacked. Lids for pallets in other formats can be manufactured to the relevant specific requirements. After they have been used, the attachment sleeves are simply folded up into a space-saving format for storage.

All TRIPLEX attachment sleeves actively help protect the environment because they are reusable enclosures that enable multiple turnarounds in the logistics chain. In addition, they are made of 100% polypropylene, which means they can be recycled as a single material at the end of their useful life and fed back into the material cycle via our NextLoop service, for example.

## Attachment sleeves – what sets them apart

- Very robust and stable, but lightweight
- Fit all custom flat pallets
- No need to modify current pallet stocks
- Custom sleeve heights help optimise loading volumes
- Numerous configuration options, base inserts, protective covers and lids available
- All pallet sleeve systems are reusable
- Easy handling
- Fully recyclable

The quick way to contact us about your bespoke pallet sleeve:  
+49 (0)7456 69083-0 and [info@triplex.de](mailto:info@triplex.de)



## A transport container and presentation box in one – the clever combination

TRIPLEX “sales display” attachment sleeves don’t just transform conventional flat wooden or plastic pallets into secure transport containers in one simple step, they also create chic presentation boxes that can be put straight out on the sales floor.

There are several reasons why TRIPLEX sleeves make this clever combination work. Firstly, the exceptionally light and stable structured-core panels used to make the sleeves have a special surface quality that means they can be customised and finished using screen-printing and digital printing techniques. They offer countless configuration options, too, such as various sleeve heights, convenient unloading flaps and ventilation holes to keep products in perfect condition. If the “sales display” attachment sleeve also needs to comply with special regulations, the material can be designed accordingly. For example, it can be made food-safe to applicable standards or more flame-retardant. Another advantage of the “sales display” pallet sleeves is the considerable amount of time they save, since goods no longer need to be transferred from their packaging. Instead, goods are packed in the container immediately after production and then put straight out on the sales floor in the same container, perfectly presented for customers.

## The ideal material properties for special requirements

- Antistatic or conductive (ESD)
- Flame retardancy in line with fire safety classes
- Surface treatment to ensure suitability for printing and compatibility with adhesives
- Food-safe to applicable standards
- Improved UV resistance for outdoor applications



## Configuration options – the extra dimension in functionality and design

In their basic configuration, attachment sleeves are made of TRIPLEX 10 structured-core panels in a weight of 3000 g/m<sup>2</sup> and are a silver-grey colour similar to RAL 7001. Depending on how they are being used, they will have either open or closed edges and an M fold so they can be collapsed for space-saving storage. A variety of configuration options are available, many of which can be combined, so that attachment sleeves can be customised.

- Sleeve panels in optimum weights for the required loads
- Various sleeve heights available
- Customer-specific colours, including bicolour options
- Motifs can be printed on one to four sides – including in multiple colours – and professional print layout design is also available as an option
- Z folds so extra-high sleeves can be folded down to a reduced volume
- Closed edges in two variants:
  - “Standard edge”, whereby the edges are pressed together flat
  - “Round edge” for a finish that is more comfortable to the touch
- Unloading flaps with safety hinge in freely selectable sizes
- Special QuickSlide or QuickSnap closures for unloading flaps
- Grip holes for convenient handling
- Document pouches and label holders
- RFID or barcode labels
- Container bases in several variants
- Lids and protective covers available as optional extras



## TRIPLEX container bases – three versions for added reliability

Using pallets that have gaps comes with risks – transported goods can become soiled, it may not be possible to keep goods level, and small goods can even fall through the gaps. In addition to simple base inserts, TRIPLEX attachment sleeves can also be configured with integrated, folding container bases that greatly simplify handling and are much more functional than loose base inserts. When putting the sleeve in place, the two halves of the base, which are permanently joined to the side wall, simply lie flat on the pallet. The weight of the transported goods presses down and holds the base and sleeve in place on the pallet, thereby further enhancing stability. These integrated container bases can also be configured with a non-slip coating, which offers extra safety in transit.

Integrated TRIPLEX container bases come in three different versions. The “standard base” is manufactured as a single piece with the pallet sleeve and does not have any welded seams. This makes it exceptionally stable and ideal for transporting heavy goods. The “comfort base”, meanwhile, is especially easy to handle. It is welded to the sleeve and held against the inside of the sleeve’s side wall by a hook-and-loop fastener. Once the sleeve has been placed on the pallet, the base can be folded down effortlessly so that it lies entirely on the pallet. By contrast, the “special base”, which is made of a thin TRIPLEX structured-core panel or film, is welded to the container around the corners and automatically folds down or up as the sleeve is fitted in place or collapsed.





## Plug'n Pack – the quick attachment sleeve system

Comprising a pallet sleeve and four corner adapters, the Plug'n Pack system will convert any conventional single-use or reusable pallet into a container in next to no time. What makes this system so special are its stable corner adapters, which are simply placed on the pallet and provide a non-slip fixing for the pallet sleeve. When using a Euro pallet, the system can be fitted with an appropriate lid, if required, meaning the containers can even be stacked.

After use, the corner adapters can be removed and reused on another pallet. However, these adapters can also be screwed to a wooden pallet, turning it permanently into a fold-down, reusable container.

Just like all other TRIPLEX attachment sleeves, Plug'n Pack sleeves can also be configured for specific requirements.

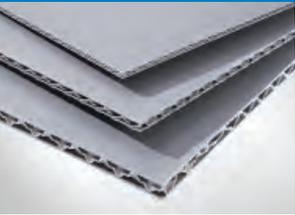
- System components: pallet sleeve and four corner adapters
- Compatible with all conventional single-use and reusable pallets (with no need for modifications)
- Exceptionally easy handling
- Very stable, but lightweight
- Enclosures can be configured in custom heights
- Lids and protective covers available as optional extras
- Stackable when used on Euro pallets and with an appropriate lid
- All system components are reusable
- 100% recyclable



## NextLoop service – good for the environment

TRIPLEX attachment sleeves are manufactured from pure polypropylene. This is a valuable raw material that should remain in circulation with a view to protecting the environment and conserving resources. Our NextLoop service plays an important part in ensuring that happens. When pallet sleeves are being used on a daily basis, it isn't always possible to stop them getting damaged and they will eventually reach the end of their useful life. When that happens, we are happy to repair sleeves for you or take them back and recycle them in our own facilities so they can be returned to the value chain. We pay an eco-bonus for this recovered material, which means that together we can play an active role in protecting the environment. The NextLoop service extends beyond TRIPLEX attachment sleeves and is available for virtually all polypropylene enclosures in a similar design.

Detailed information about the  
NextLoop service is available  
at [www.triplex.de](http://www.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.



Interplast Kunststoffe GmbH  
Heinrich-Schickhardt-Straße 1  
72221 Haiterbach (Germany)  
Telephone: +49 (0)7456 69083-0  
Telefax: +49 (0)7456 69083-13  
[info@interplast.de](mailto:info@interplast.de)  
[www.interplast.de](http://www.interplast.de)

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