



ZOLLERN GmbH & Co. KG
Plant Laucherthal

General

Packaging Regulation

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1 General

1.1 Exclusions

Packaging Instructions for Material Deliveries to ZOLLERN Laucherthal (excluding container deliveries). If separate material-related packaging regulations are in place between the supplier and ZOLLERN, these regulations take priority over this general packaging regulation.

1.2 Cleanliness and preservation

In general, all materials must be delivered in a cleaned condition, free from chips, dust, and dirt.

1.3 Documents applying concurrently

The standards concerning pallet cages and Euro pallets such as DIN 15155, EN 13698-1, EPAL, UIC, etc. are documents applying concurrently.

1.4 Quality records

Quality records/analysis certificates must be sent in advance to the known email addresses if communicated by ZOLLERN; at the latest, they must be available upon receipt of the goods. For all other materials, the quality records/analysis certificates must be delivered with the goods.

1.5 Mixed storage of containers / mixed delivery of materials

Identical material numbers must not be distributed across multiple packages/units in mixed consignments with other material numbers (must be homogeneous and batch-pure).

The required batch labeling must be created in such a way that it can be easily associated with the accompanying documents and the packages.

Due to the danger of confusion, no similar components (parts families) may be delivered in a single container.

1.6 Small volumes

When delivering several small quantities of different order numbers, each must be packed in a separate package corresponding to its respective order number.

If the delivered products/components are small quantities (under 30 kg) so that a pallet would not be economically justified, suitable containers and packaging types may be used instead.

1.7 Weather impacts

All materials must be protected against weather influences so that no damage can occur during loading, unloading, and transport until handover to ZOLLERN goods receipt.

1.8 Repackaging costs

If the delivered containers do not comply with the specifications outlined in section 1.3, they must be repacked at our facility, as otherwise process disruptions may occur at ZOLLERN. The repacking will be invoiced at the hourly rate valid at the time of the complaint.

2 Approved containers

2.1 These containers may be used

Euro pallets 800x1200x144mm (EN13698-1, EPAL, UIC and container appendix)

Permitted total weight per container 1.000 kg.

Attention! No point weight-loading permitted.

The maximum height of a package must not exceed 1.8 meters.

Pallet cages (DIN 15155, benchmark of the Deutsche Bundesbahn [German Federal Railway])

Permitted total weight per container 1.200 kg.

Attention! No point weight-loading permitted.

Special pallets, depending on component dimension and component weight.

Attention! No point weight-loading permitted.

For packages that are exchanged, they must be in impeccable and exchangeable condition upon delivery. Any deviations in these cases will be handled through our complaints process.

2.2 What needs to be taken into consideration with the packaging

Exception: If specific packaging requirements necessitate a deviation from this packaging regulation, prior coordination with ZOLLERN GmbH & Co. KG is mandatory.

Wooden containers may not exhibit any paint residue (special waste).

Between wooden contact surfaces and bare, machined, and preserved areas of the components, corrugated cardboard must be inserted as an intermediate layer.

Stable intermediate bottoms (no cardboard) must be used when dealing with multiple material layers. An intermediate bottom must also be inserted on the bottom layer between the pallet and the component.

For mechanically processed and sensitive products, impact and collision protection must always be placed between the parts.

The materials must be provided with outer protection by means of wooden frames when using Euro pallets. A maximum of four wooden frames may be stacked on top of each other. Nothing may protrude over the outer contour of the container. When dealing with large parts without a wooden frame, the pallet must be selected in such a manner that the component does not protrude over the base of the pallet. The materials must be secured against slipping. No point weight-loading of the container may take place, the loading must always be spread across the pallet. The load securing aspects and specifications must be observed.

3 Labelling of containers and components

3.1 Shipping documents

The accompanying shipping documents must always be securely and firmly attached to the respective package to prevent loss during transport and storage.

3.2 The containers delivered by the supplier must bear the following labelling:

- Delivery address
- Delivery point (if specified)
- Supplier name
- Delivery date
- Number of containers / total amount
- ZOLLERN – order number
- ZOLLERN – material description
- ZOLLERN – material number
- Material volume per container
- Specifications concerning stackability

The labels must be firmly adhered to both fronts of the container. An example of labeling is shown below.

3.3 Labelling of initial sample parts

Initial sample parts must also be specially labelled as such on the container and on the component. The components may not be delivered in a container mixed with other components.

3.4 Labelling of findings and reject parts

Findings and rejected parts must be clearly and additionally identified as such on both the container and the component. The marking must be immediately visible. Furthermore, this information must be recorded on the delivery note. Rejected parts are to be placed on the top layer, separate from acceptable parts (never between them).

3.5 Delivery paper data

- ZOLLERN – order number(s)
- ZOLLERN – material number(s)
- Packing information
- Packing: Invoiced or borrowed goods

Labelling example:

Delivery to: Zollern GmbH & Co. KG			
Hitzkofer Straße 1 D-72517 Sigmaringendorf			
Supplier:		Delivery date:	Number of containers:
Order number	Quantity	Article designation	Article number

4 Appendix

4.1 Euro pallets 800x1200x144mm

Exchange criteria in the European pallet pool for Euro pallets. The pallet must correspond to the exchange criteria in the event of an exchange.

This is what an 80x120 cm exchangeable pallets in the European pallet pool looks like:



4.2 Not-exchangeable Euro pallets:

If Euro pallets display one or several of the following examples of damage, the pallets are non-exchangeable and must be repaired in accordance with the provisions of the UIC leaflet 435-4.

On bottom or top edge plank is so severely split that more than one nail or screw shaft is visible.



The EUR marking on the right and the symbol or a railway company on the left are missing.



A board is missing.



A board is transversely or diagonally broken.



A block is missing or is split in such a manner that more than one nail is visible.



More than two bottom or top edge planks are so severely split that more than one nail or screw shaft is visible.



4.3 Pallet cages (DIN 15155, benchmark of the Deutsche Bundesbahn [German Federal Railway])



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