

Packaging information

Preface:

The packaging must be planned individually for each part in terms of quality assurance, ASMPT logistics processes, environmental compatibility and economic efficiency. The supplier is responsible for ensuring that the packaging ensures the protection of the parts. Shipments must be securely packaged according to their content, type of shipment, properties of the product, scope and destination, so that damage during transport and storage is excluded and the content is protected from loss and damage. The packaging always includes suitable outer packaging, suitable inner packaging and a secure closure.

Aim:

- effective protection of the goods
- optimal container and packaging design
- efficient handling
- optimal packaging design
- coordinated quantities
- support of suppliers and product planners for the correct use of packaging at ASMPT

The following functions represent the most basic properties of a packaging.

Protection: Protect goods against mechanical and environmental influences, as well as against loss of content.

Transport: Appropriate to the mode of transport taking into account the respective requirements.

Storage: Maximum filling quantity with the minimum possible volume.

Handling: Minimal repackaging / unpacking effort with optimal protection.

The supplier is responsible for packaging that is suitable for transport and handling, while the transporter must ensure a safe transport. Please note the following:

- clear identification of the goods contained using the ASMPT material or PO number
- clear identification of dangerous goods, ESD material, refrigerated goods and other sensitive goods
- clear identification of non-stackable packaging
- visibility of the delivery note on the outside of the packaging
- identification of the number of packages on each package label
- if necessary, provision of written instructions, technical data sheets and safety data sheets

If the delivery documents are missing, illegible or incomplete, the ASMPT receiving center can refuse acceptance or invoice the supplier for any additional expenses.

The goods are to be packed according to type in appropriately labeled containers or on separate load carriers. The container sizes are to be defined in consultation with the ASMPT purchasing department or according to ASMPT internal criteria (e.g. KANBAN and kitting sizes).

generally, we refer to the "TCDL - Terms and Conditions for Delivery" and "Transport control" of ASMPT <https://smt.asmpt.com/en/company/suppliers/>

**The information given here is to be considered when designing packaging.
(Product- and transport packaging)**

In general:

Please consider the type and nature of the goods to be packed and transported in terms of costs and in connection with:

- the requirements of the respective mode of transport of the goods (land, air, sea)
- the destination and possible climatic influences
- the use of inner packaging, inlays and padding
- the use of edge protection or banding
- observance of the weight of the goods per container in relation to the packaging (*sufficient protection against becoming independent in the packaging*)
- the number of layers on built pallets - dead weight, protection, handling
- proper labeling and marking in terms of stackability; fragility; hazardous substances; etc.

Particularly:

Air freight: a tamper-proof packaging according to the requirements for "*Security in the supply chain*" pallets and crates should be built with a total height of less than 160 cm

Ocean freight: additional corrosion protection to avoid damage

Parcel service: no use of pallets when shipping by parcel service for deliveries up to 60.0 kg of chargeable weight

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