ANSMANN

ANSMANN GROUP

TRANSPORT PACKAGING 8.0



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1. Contact Persons

ANSMANN AG	CONTACT PERSON	CONTACT DATA
	Ms Sabine Zeitler	Tel.: 0049-6294-4204-5952
	Ms Kathrin Geissler	Tel.: 0049-6294-4204-6351

2. Transport packaging

Transport packaging is packaging in which purchasing goods are delivered from suppliers to ANSMANN Group.

With the acceptance of this manual, the recipient agrees not to circulate the information contained therein to third parties (whether person or establishment). Excluded hereof are employees of the recipient provided that they require this information for the inspection, production and shipment of products to ANSMANN Group.

3. Purpose

The packaging and labelling guidelines are meant to help fulfil logistic merchandise protection and labelling requirements.

4. Area of application

The ANSMANN AG transport packaging and labelling guidelines are to be adhered to by all suppliers.

These guidelines are an integral part of our delivery terms and therefore basis routine orders.

The transport packaging and labelling guidelines are immediately effective until they are replaced by a new version. All previously released transport packaging and labelling guidelines are no longer valid.

5. Legal consequences

In the event of non-compliance with the terms of the transport packaging and labelling guidelines by the supplier, the ANSMANN AG reserves the right to charge the supplier with all additional costs and service charges which accrue.

6. Type

The individually packed sales units of one item number are to be combined in transport packages. Damages in transit resulting from insufficient packaging are charged to the account of the supplier.

A transport package may only contain items of the same ANSMANN item number. Partial packaging units and remaining quantities are not permissible. The same amount of individual items is always to be packed into one transport package. If the packing unit only corresponds to one item (e.g. a piece of housing) then the sales package is at the same time the transport packaging. Exceptiones must be pre-approved by the purchasing department.

Regulations which differ from this manual are to be pre-approved by the purchasing department. Transport packaging is to be chosen in a manner which enables the sales packages to be packed with the least possible or rather no ullage.

In case ullage results between the sales packages in the transport packaging these are to be filled out with suitable one-sided corrugated cardboard (plastic material or other material may not be used).

Deformations or bulging due to overpacking of the box are not accepted.

The number of products per VE (packaging) are set in commercial quantities. e.g. Screws 100 / 500/1000 pieces.

Bulk in the packaging must be coordinated with the purchase in advance.

7. Hazardous goods

The respective statutory regulations must be adhered to at all times for the delivery of hazardous goods. The respective labelling of the export boxes is also to be ensured.

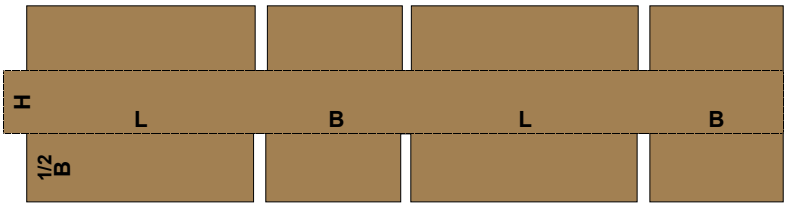
For regulation, marking and further information of dangerous goods open QR-Code:

8. Box type

Only boxes made of corrugated cardboard (double wall) without plastic reinforcement may be used. The boxes must comply with the FEFCO-ASSCO code 0201 or 0204 for folding boxes. The quality and stability of the packaging must be adapted to the weight of one product.

8.1 FEFCO-ASSCO-Code 0201

Folding boxes with outside flaps on the bottom and top which abut
(see figure figure 1: FEFCO-ASSCO-Code 0201).



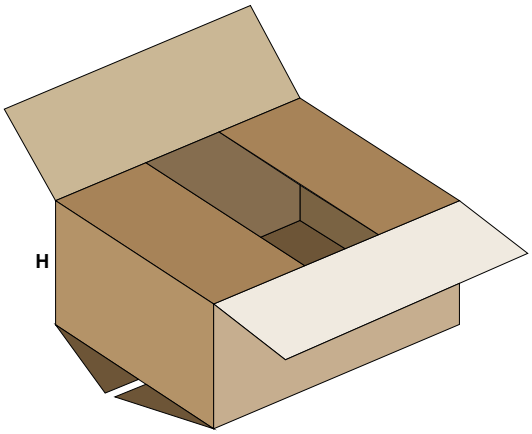
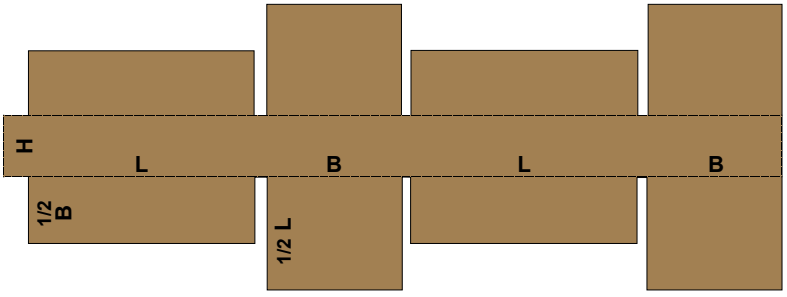


Figure 1: FEFCO-ASSCO-Code 0201

8.2 FEFCO-ASSCO-Code 0204

Folding box with inner and outer bottom and top closure flaps (see figure 2: FEFCO-ASSCO-Code 0204). A cut protective insert is not to be used.



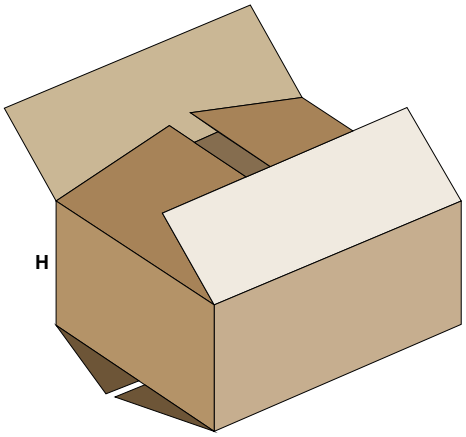


Figure 2: FEFCO-ASSCO-Code 0204

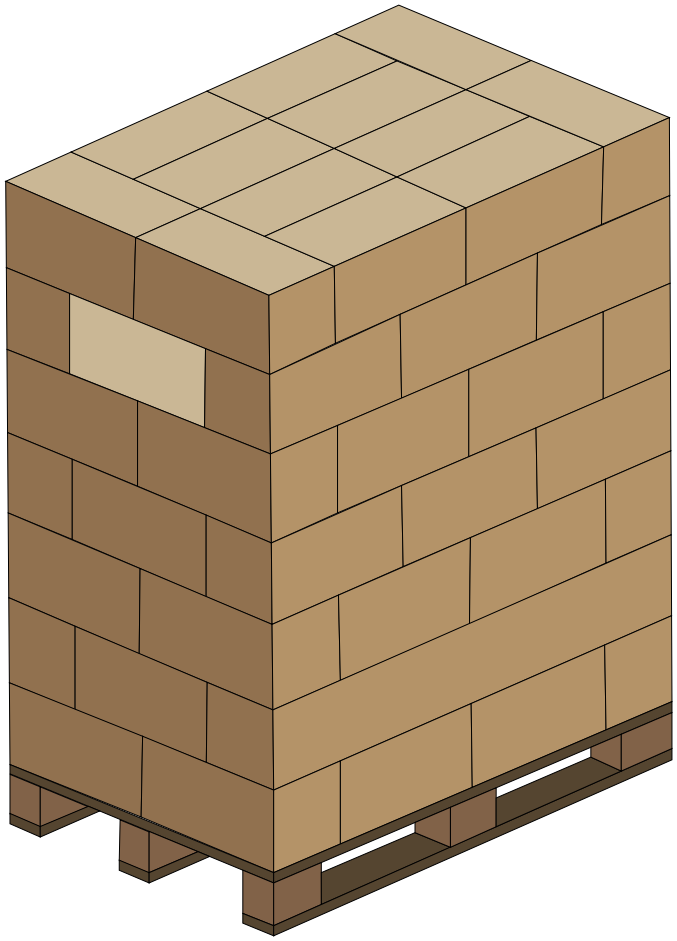
9. Measurements and weights

The dimensions of the transport boxes must comply with the module dimensions of the Euro pallet (1.200 x 800 mm).

In the case of slight variations it must be observed that the Euro pallet module dimensions are not exceeded. The pallet height for optimum utilization is 2 m. (see figure 4: pallet). Exceptions must be pre-approved by the purchasing department.

The application of Düsseldorf pallets (600 x 800 mm) as well as transport paperboard packaging suitable for them is to be arranged with the purchasing department.

The box may not exceed a total weight of 10 kg. Boxes whose weight differs from that must be pre-approved by the purchasing department.



max. weight 800kg

transport packaging possible standing order on pallet.

Figure 4: pallet

10. Pallets

10.1 Securing of load

For damage-free transport it is necessary to secure the merchandise on the pallets. In order to protect the merchandise against soiling and instability the stretching or as the case may be wrapping of the pallets is absolutely necessary. This securing of the load must be carried out with a minimum use of packaging material.

10.2 Adherence to the basic measurements

The arrangement of the surface area of the packaging units is to ensure maximum pallet utilisation. The basic measurements of a Euro or as the case may be Düsseldorf pallet (see chapter Dimensions and Weight) may not be exceeded. Pallets overloaded with merchandise will not be accepted, for this leads to substantial disturbances of the transport and stocking operations and can lead to damage of the merchandise (see figure 6: basic measurements). If necessary this must be pre-approved by the purchasing department. A connection of the pallet to the plastic foil must exist, however it must be observed that the forklifts can take on and transport the pallets without any problems.

10.3 Transportpalette

The shipment should be sent on a Euro pallet (EPAL).
In exceptional cases, single-use pallets may be accepted. In such cases, the IPPC logo must be attached to ensure compliance with the ISPM 15 standard. Pallets that have been chemically fumigated may not be used for deliveries to ANSMANN AG. The use of pallets made of plastic or corrugated cardboard (INKA one-way pallets) is also not accepted.



Figure 6: basic measurements

11. Closure

Transport packaging is to be closed by taping with adhesive tape (50 mm width) using paper or PP adhesive tape types, by means of slit closure and two lateral tapings, on the top and on the bottom (see figure 7: double T closure or figure 8: H closure).

The packaging is to be securely closed in a manner which does not allow the packaging to open on its own, even in the case of extreme conditions.

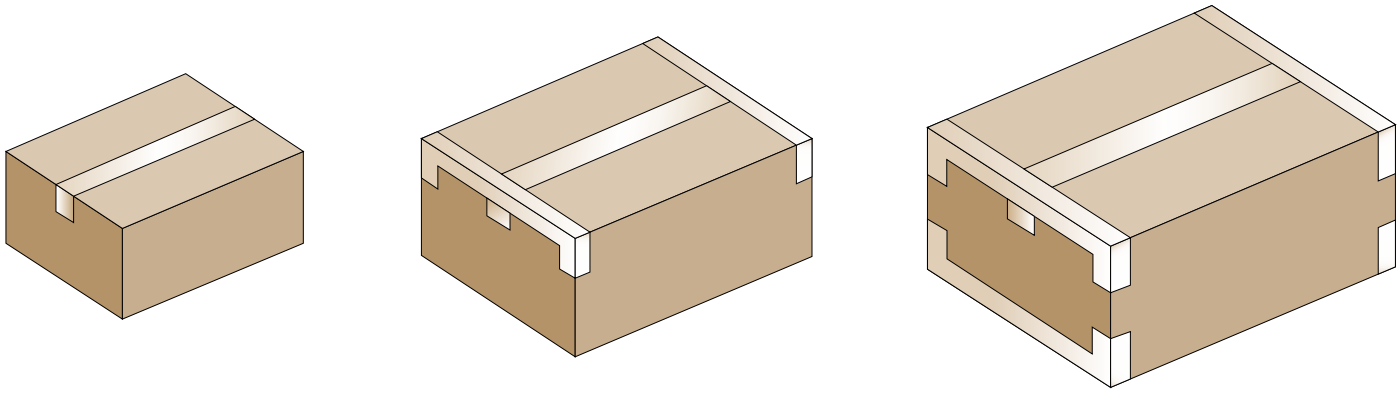


Figure 7: double-T-closure

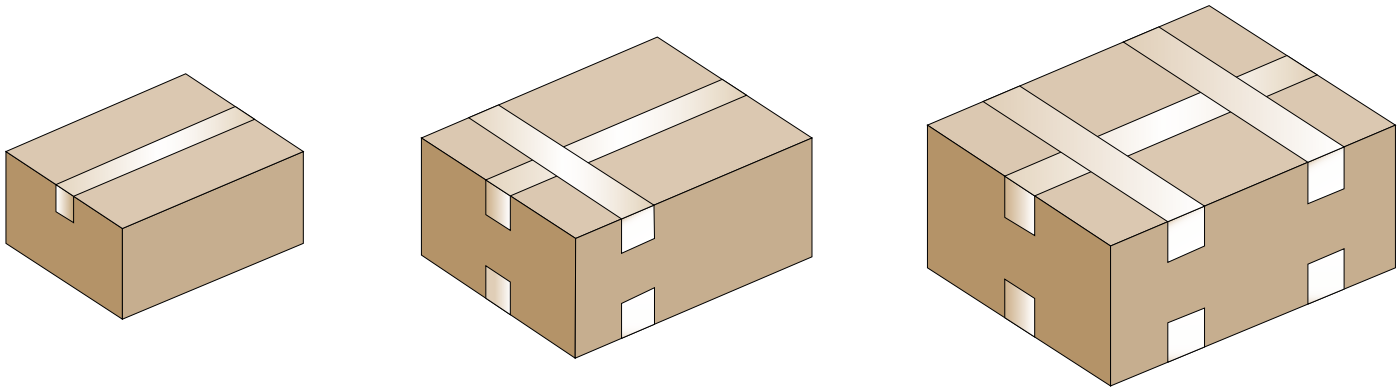


Figure 8: H-closure

11.1 Strapping bands

Strapping bands may not be used. If necessary this must be pre-approved by the purchasing department.



Figure 9: strapping bands

11.2 Staples

Stapling with staples to close the transport box is not permitted. If necessary this must be pre-approved by the purchasing department

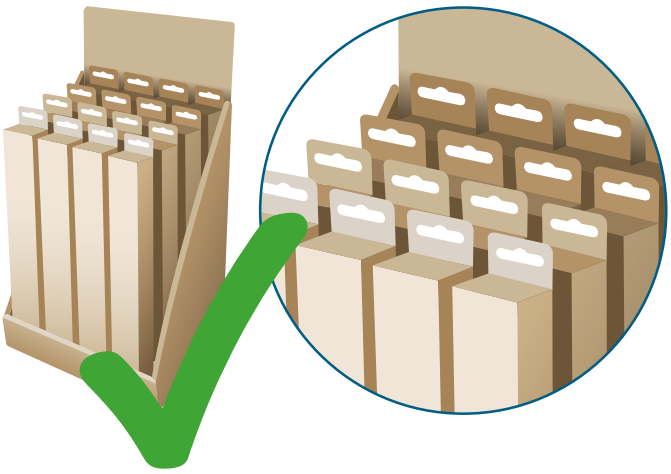


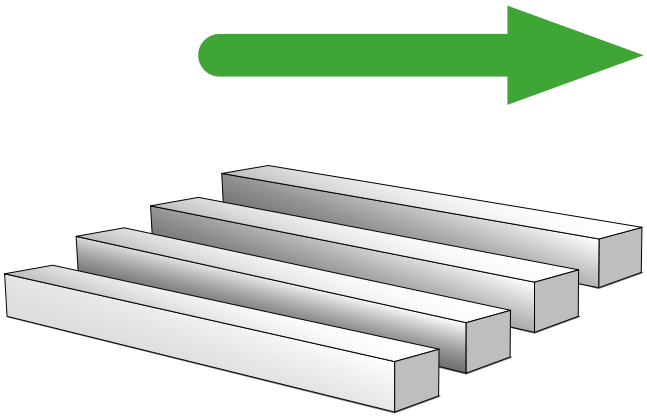
Figure 10: Staples

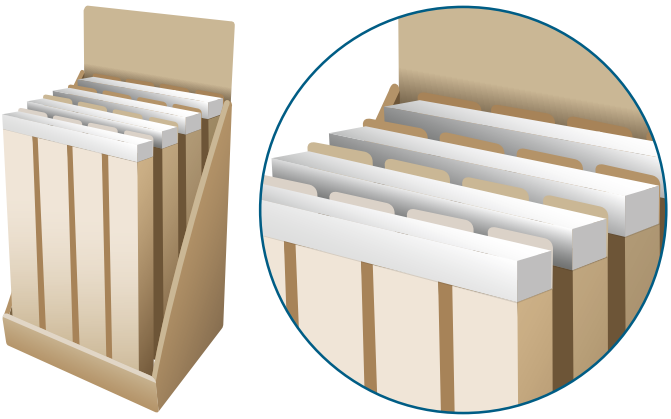
12. Displays

In packaging with displays, the hanging flaps must be protected in such a way that they are not damaged. Spaces in between must be filled with suitable material to ensure that the hanging flaps are not bent or crushed.



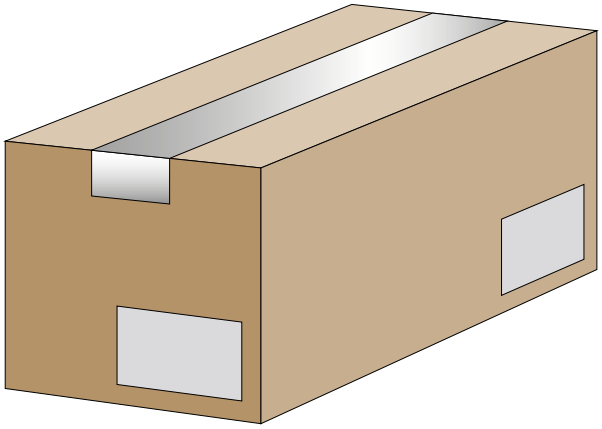






13. Labeling requirements for transport carton

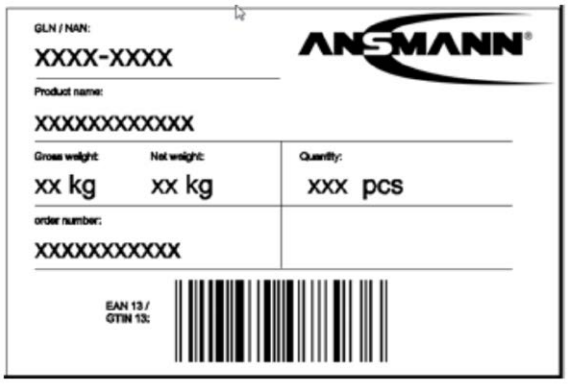
The package labels are basically to be mounted on the long side and on the side of the head in each case in the lower right corner.



13.1 Packaging labels

The material data for the package labels, are given in the order:

- Item number GLN/NAN
- Item description
- Gross weight / net weight
- Carton quantities
- Order number
- Bar code / EAN13 Code



If a standard EAN 13 / GTIN 13 is taken from the supplier, it must be approved in advance by the purchasing department.

In pallets delivery labeling has always be made on the long side and on the side of the head in each case in the lower right corner.

13.2 Neutral packing

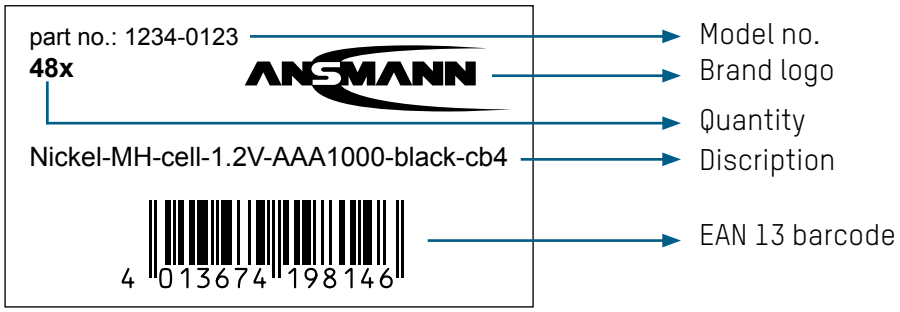
The labeling / marking of the goods produced for Ansmann AG and the packaging / shipping packaging must be neutral (without supplier's instructions). Exceptions are to be agreed with Purchasing.

13.3 Marking inner carton (small units)

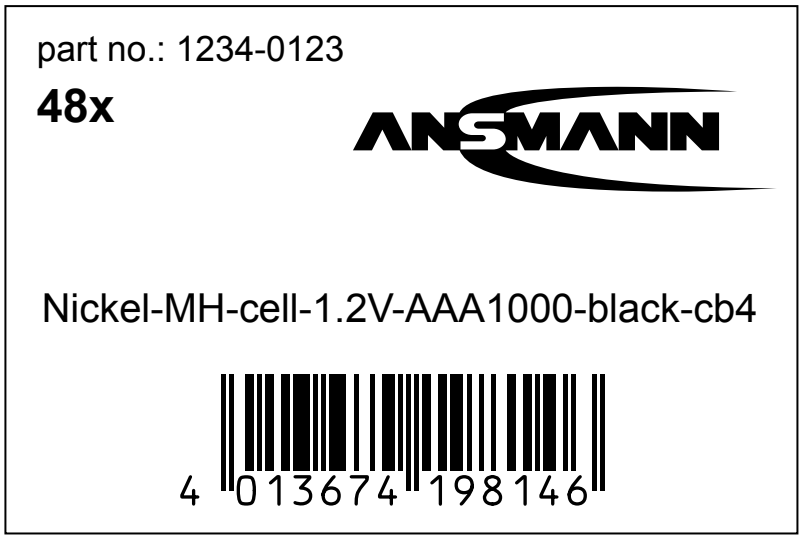
30x20 mm



70x40 mm



105x70 mm



13.4 GTIN / EAN (Global Trade item number / European Article Number)

Barcodes must meet the requirements of ISO 15416 in terms of quality.

14. Notification of measurements and weights

Before shipment all measures and weights must be reported to Masterdata department.
Notification to: masterdata@ansmann.de

The packaging materials must be distinguished by their material type. For example, in some European countries, a distinction is made in the disposal between paper and corrugated cardboard!

ALL WEIGHTS OF PACKAGING				
		Enter the sales unit packing material weight per piece. E.g. one blister card = 10 grams paper & 5 grams PET	Enter weight of the package unit box and any cardboard dividers/package material inside. Only weight of one single box material!	Enter weight of the export carton box and any cardboard dividers/package material inside. Only weight of one export carton box material!
	step	1	2	3
	package type	**sales unit**	**packing unit**	**pallet**
		weight (g)	**weight (g)**	**weight (g)**
paper	paper/carton	19	-	-
	carrugated cardboard		190	-
	other			-
plastics	PET (Polyethylene terephthalate)		128	-
	HDPE (High-density polyethylene)		-	-
	LDPE (Low-density polyethylene)		-	-
	PVC (poly-vinyl-chlorid)			-
	PP (Polypropylene), divers			-
	organic plastics/synthetics		-	-
	other	-	-	-



Template Measurement & weight form + video tutorial

If recycled material is used, this portion must be certified with a certificate from the manufacturer!

Because the packaging weights you specify are used to pay for the packaging disposal fees in all countries supplied, you are fully liable as a supplier if the information is incorrect.

If the product and packaging data are not provided, the costs must be charged to the supplier.

15. Obligation to label all packaging materials!

To send materials to the recycling cycle it is imperative that all sales materials are marked with the correct recycling codes.



Each packaging must be provided with a recycling code.
Based on Directive 97/129/EU.

This code is made up of the triangular recycling symbol and an abbreviation indicating the material group. A letter abbreviation must also be used as a reference directly below the symbol.

Manufacturers **must** have this code on **all** packaging for both sales and transport.

See the following table:

Recycling number		Material	Code
01 PET	**01**	Polyethylene terephthalate	**PET oder PETE**
02 PE-HD	**02**	High-density polyethylene	**PE-HD oder HDPE**
03 PVC	**03**	Polyvinyl chloride	**PVC**
⋮			
20 PAP	**20**	Corrugated fiberboard (cardboard)	**PAP**
21 PAP	**21**	other cardboard	**PAP**
22 PAP	**22**	Paper	**PAP**
⋮			

16. Environmental protection

In the interest of environmental protection, the following items are to be regarded when designing the packaging:

- Solvent-free printing ink with low levels of heavy metals is to be used for the printing of the packaging.
- Refrain from using PVC; also for adhesive tapes, labels and plastic foils.
- Only CFC-free foam plastic is to be used.
- Additional outer packaging made of plastic should be avoided. If transport protection is necessary for the export carton, it should preferably be made of recyclable material such as paper or recycled plastic.



At the time of delivery all valid German, European as well as the country specific laws, regulations and guidelines of the countries of delivery must be adhered to.

17. Failure to comply with the transport regulations

In the case of a violation of the general transport regulations from the Ansmann Group, an additional fee of € 500 will be billed at a flat rate.

18. Change index

VERSION	DATE	CHANGE DESCRIPTION	NAME
1.0	07.03.2016	First version	S.Zeitler / E.Lauth
2.0	03.07.2017	9. Palett hight 2.10 10.3 Palett material 12.2 Neutral packaging 14. Non compliance 16. Confirmation	E.Lauth
3.0	24.10.2019	Layout customization 13. Notification of measurements and weights	S.Zeitler / E.Lauth
4.0	01.07.2020	Addition: 12. Displays	S.Zeitler / E.Lauth
5.0	18.03.2021	Addition: Labelling of the Packaging	S.Zeitler / E.Lauth
6.0	25.10.2021	Point 15 added: Obligation to label packaging materials To point 16 Avoiding plastic bags	S.Zeitler / E.Lauth
6.1	24.04.2023	Inner carton, packaging, validity, scope of application	S.Zeitler / E.Lauth
7.0	31.10.2024	Contact person changes, addition of a hazardous goods barcode	S.Zeitler
8.0	17.12.2025	Point 10.3 has been revised in content	S.Zeitler

19. Validity/ scope

This document is part of the purchasing contract and must be complied with for all goods delivered to ANSMANN AG or its subsidiaries.

If there are points that the supplier cannot comply with due to the nature of his product (for example, the stapling of cardboard boxes for heavy products), this point must be explicitly documented as an exception in the packaging specification.