KÄRCHER

PACKAGING GUIDELINE H&G DEVICES

PACKAGING DEVELOPMENT

PACKAGING

GUIDELINE | **CONTENTS**

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PACKAGING

GUIDELINE | **OUR VISION**

PACKAGING MAKES A DIFFERENCE!

WHAT IS OUR VISION AND OUR GOAL OF THE PACKAGING GUIDELINE FOR OUR DEVICES?

With our packaging solutions, we generate the **first enthusiasm** [customer experience] **for the product**, we stand for the **preservation of value** [dispatchability] throughout the entire distribution process and always **take sustainabililty into account** [sustainability strategy for packaging].

This guideline serves as the **basis for packaging development** for all H&G products.

The aim of this guideline is to develop packaging in such a way that it **can be used for the point of sale (POS)** and for **single shipping**, without covering cartons.

The guideline is only relevant for **packaging larger than 153 x 102 x 9.5 mm** and a **weight <30 kg.**

Please note that this is only a **guide for the development of packaging.** All detailed requirements can be found in the corresponding Kärcher-standards and on the technical drawings.

Contact for further questions:
packaging@karcher.com

BASIC DEFINITIONS FOR THE PACKAGING DEVELOPMENT

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GUIDELINE | **DIMENSION CALCULATION (FEFCO 0201)**

- From internal dimension to external dimension.

- Depending on the material, you have to add the given mm to the inside dimension.
  See table:

material		width	depth	height	
F-flute	+ Internal Dimension	+2 mm	+2 mm	+4 mm	= External Dimension
E- flute		+4 mm	+4 mm	+6 mm	
B- flute		+6 mm	+6 mm	+10 mm	
EB- flute		+10 mm	+10 mm	+17 mm	
BC- flute		+14 mm	+14 mm	+23 mm	

Example: EB ID: 380 x 180 x 302 [mm] ED: 390 x 190 x 319 [mm]

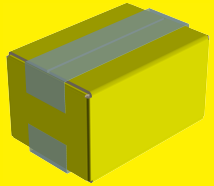
DESIGN OF THE PACKAGING

PACKAGING

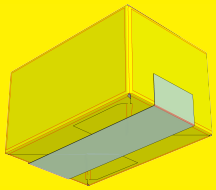
GUIDELINE | **PREFERRED PACKGING DESIGN**

If you do not have a contact person, you are welcome to send your inquiry to the following address: packaging@karcher.com

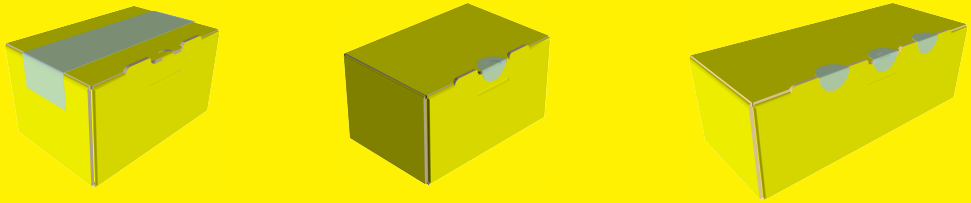
Fefco 0201



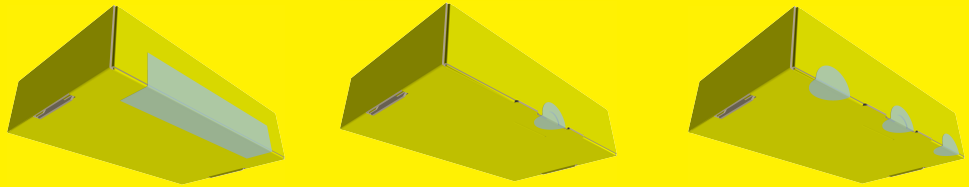
Automatic bottom



Tucked in closure



Fefco 0427

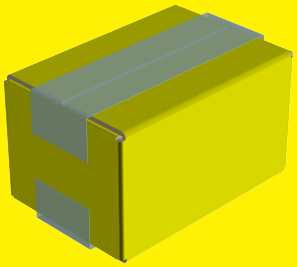


PACKAGING

GUIDELINE | **CLOSING OF THE PACKAGING / BOX (ADHESIVE TAPE)**

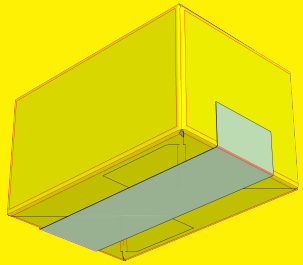
All packaging must be **secured with adhesive tape** and must not be able to be opened undamaged during transport.
Opening sealed with transparent adhesive tape (examples with pictures).

Fefco 0201



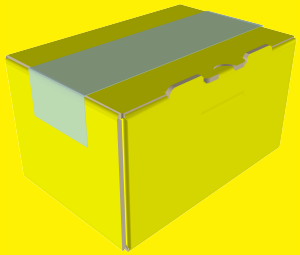
completely taped over

Automatic bottom



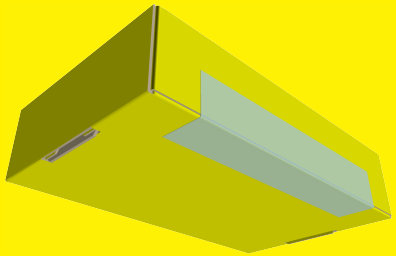
adhesive tape over whole bottom as security bonding

Tucked in closure



adhesive tape over lid as security bonding

Fefco 0427

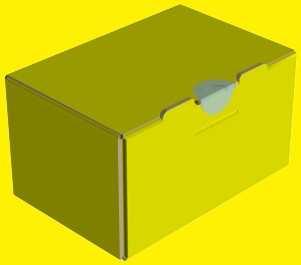


adhesive tape as security bonding - Not more than 80% of edge should be overtaped

PACKAGING

GUIDELINE | **CLOSING OF THE PACKAGING / BOX (ADHESIVE DOT)**

Tucked in closure

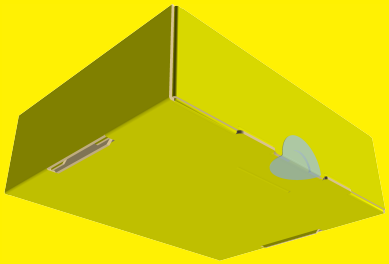


adhesive dot for fixation

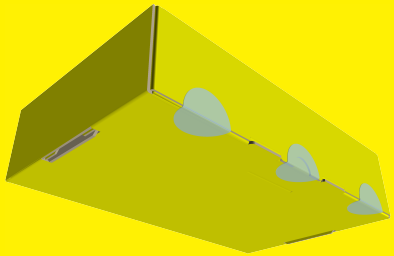


multiple adhesive dots for fixation
(if length > 200 mm, use calculation below)

Fefco 0427



one adhesive dot for fixation
(< 200 mm length)



multiple adhesive dots for fixation
(if length > 200 mm, use calculation below)

Adhesive dot, transparent
5.300-543.0 (ø 30 mm)
6.570-415.0 (ø 40 mm)

General points to note for adhesive dots

Carton length devided by 200mm = Number of adhesive dots* (always round up)

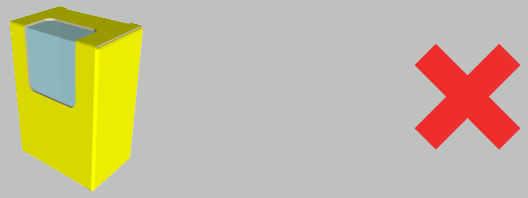
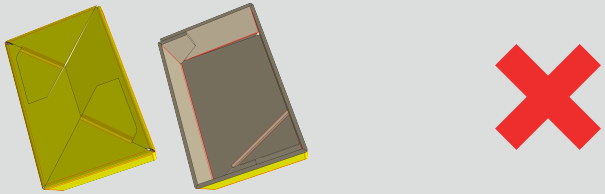
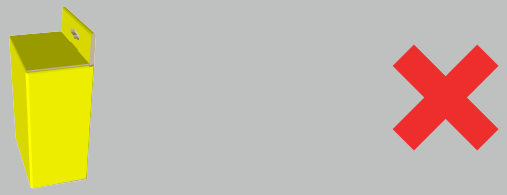
Adhesive dots have to be distributed equally.

Example: 380 ÷ 200 = 1,52 ≈ 2 = two adhesive dots

*The same applies when using strips

PACKAGING

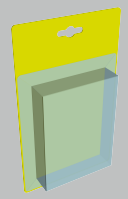
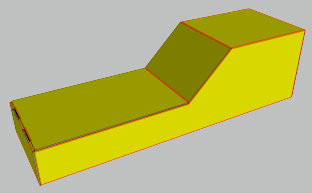
GUIDELINE | **NOT ACCEPTED PACKAGING**

Description	3D
Window	
Automatic bottom*	
Flap for Euro Slot Perforation	

**An automatic bottom may only be used if the corresponding adhesive strips are used. In general, therefore, the use of an automatic bottom should be avoided.*

PACKAGING

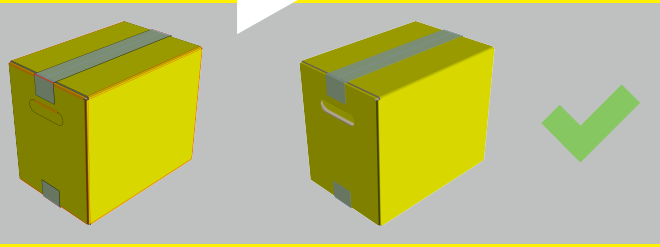
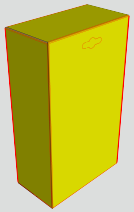
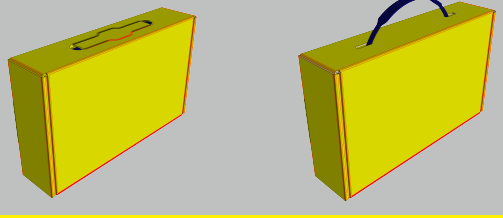
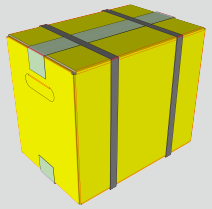
GUIDELINE | **NOT ACCEPTED PACKAGING**

Description	3D
Blister	
Open Packaging	
Stepped Packaging	

PACKAGING

GUIDELINE | **ACCEPTED „SPECIAL REQUESTS“**

When using handle cutouts, please make sure that the BCT is adjusted accordingly. This can be done in the BCT tool.

Description	Requirement	Picture
Handle cutouts	**Perforation completely closed during transport**	
Euro Slot Perforation	**Perforation completely closed during transport**	**Reference:** Packaging guideline for H&G - Accessories 
Carrying handles	**Perforation completely closed during transport**	
Tightening straps	**Tightening straps are to be used only in exceptional cases**	

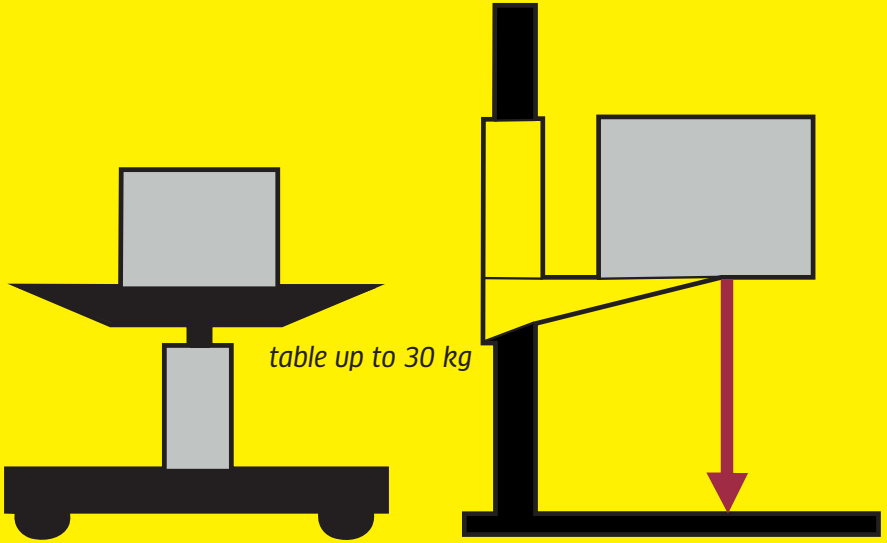
Carrying handles and tightening straps are only allowed with a special release.

Please contact:
packaging@karcher.com

RELEVANT PACKAGING STANDARDS @KÄRCHER

All packaging (≤ 30 kg) must be **tested and approved according to ISTA 6.**

The requirements for the test and the specifications for evaluating the tests can be found in our **Smartbox „Packaging INT“.**



vibration table **drop table**

Packaging Guideline for H&G Accessories

KN 050.018
KN 050.055

Packaging Sustainability Guideline

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THANK YOU

