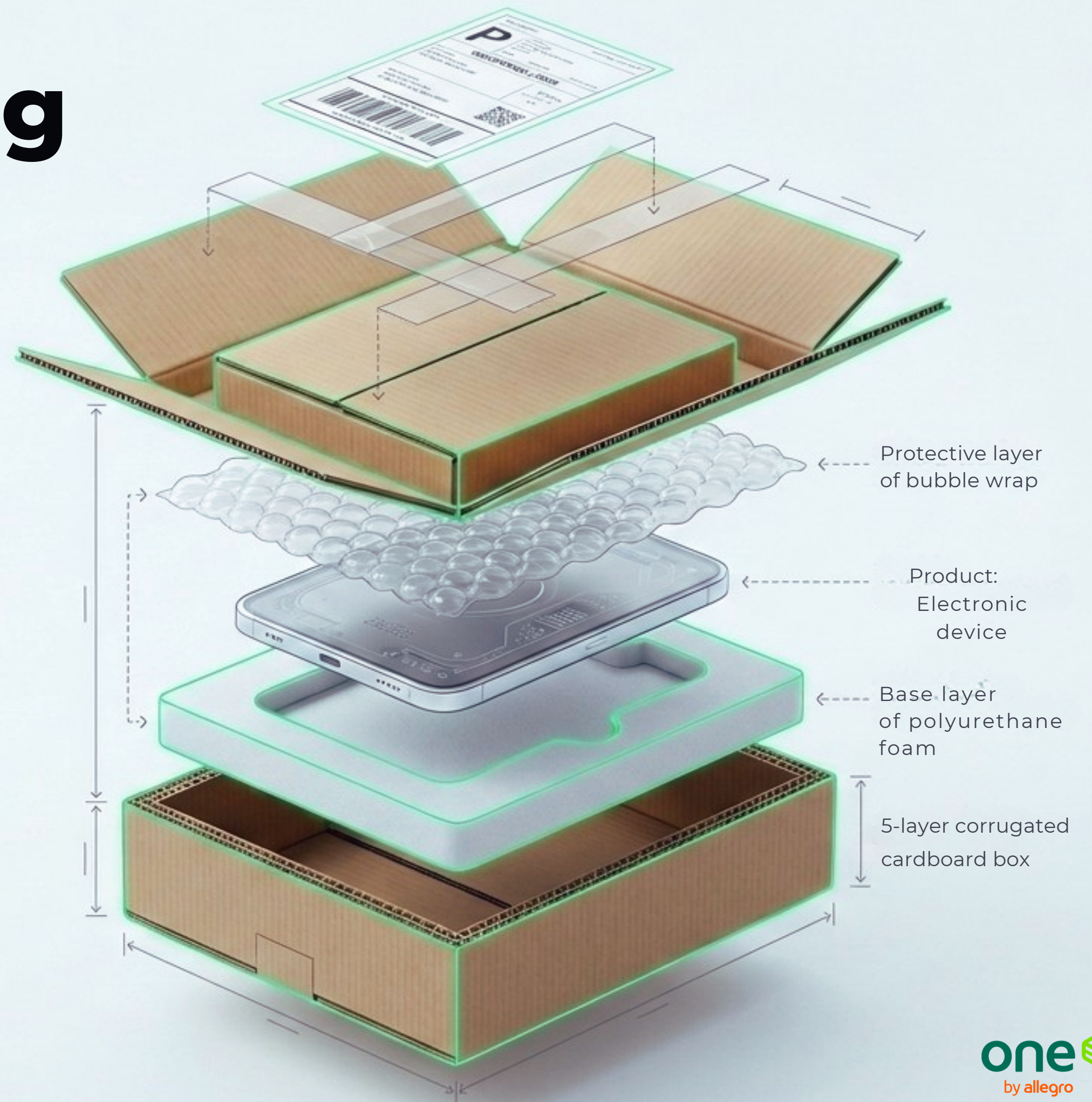


Parcel Packaging Guide

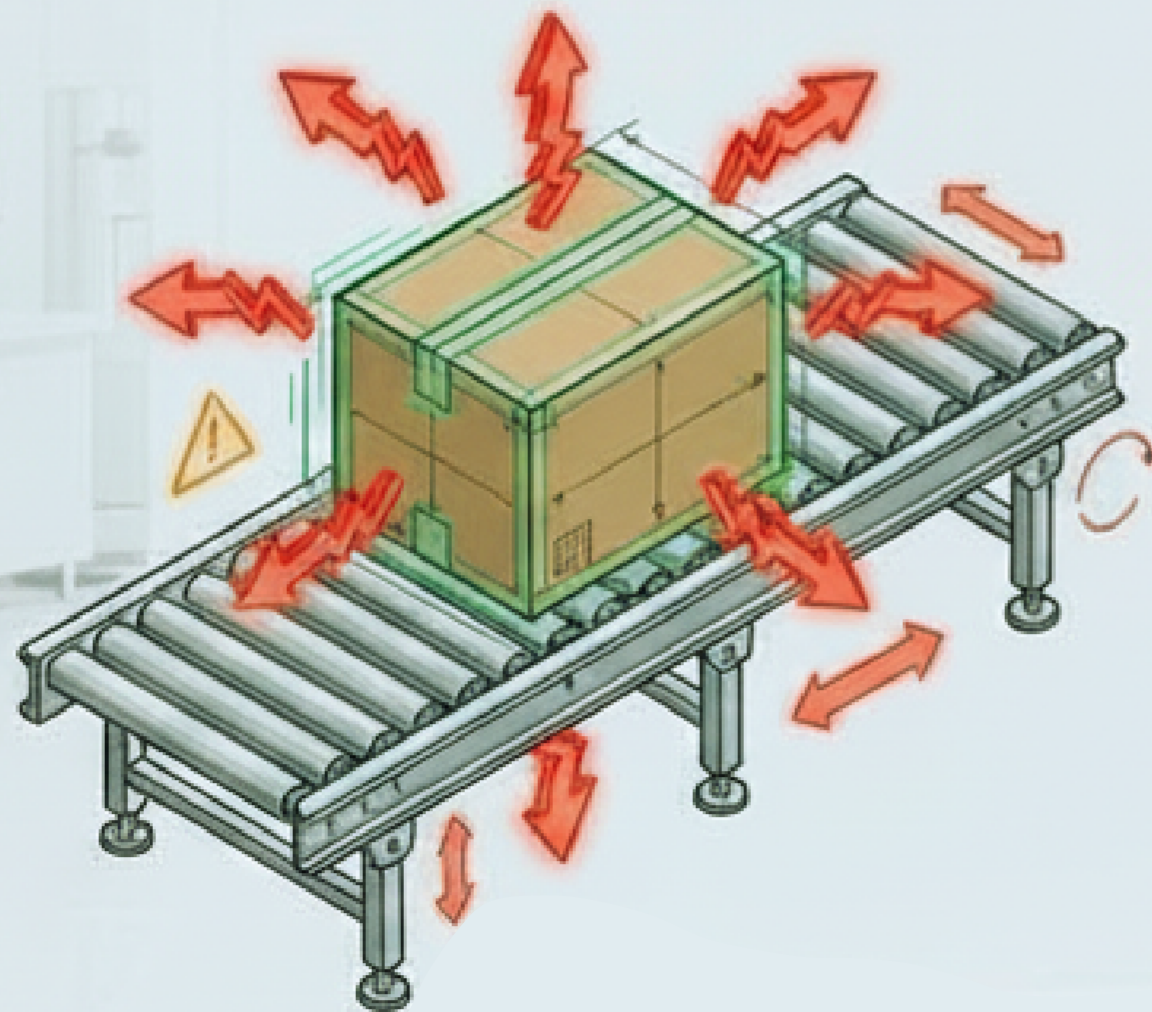
**A Guide to Safe Shipping for
ONE by Allegro**



During transit, every package faces extreme physical forces. Packing rules protect your shipment from damage during transport.

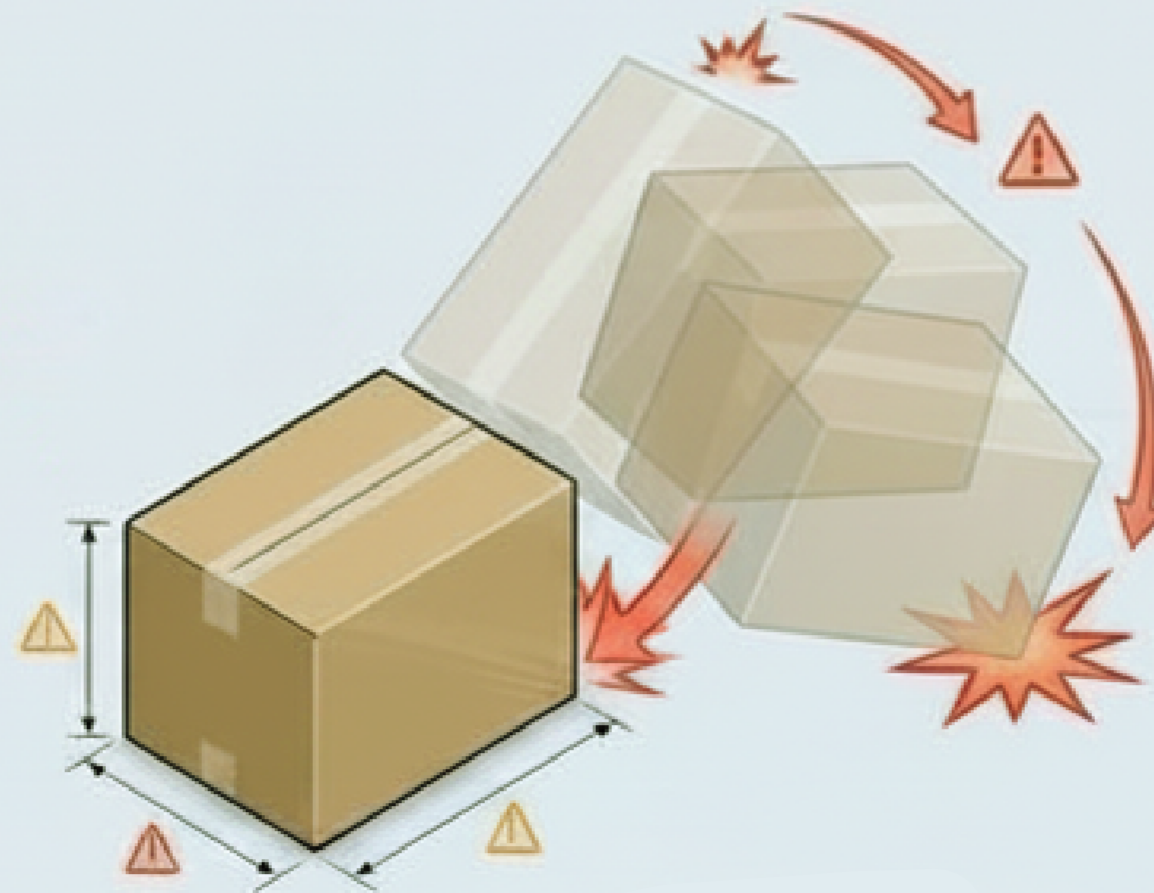
1

Vibration
Roller conveyors



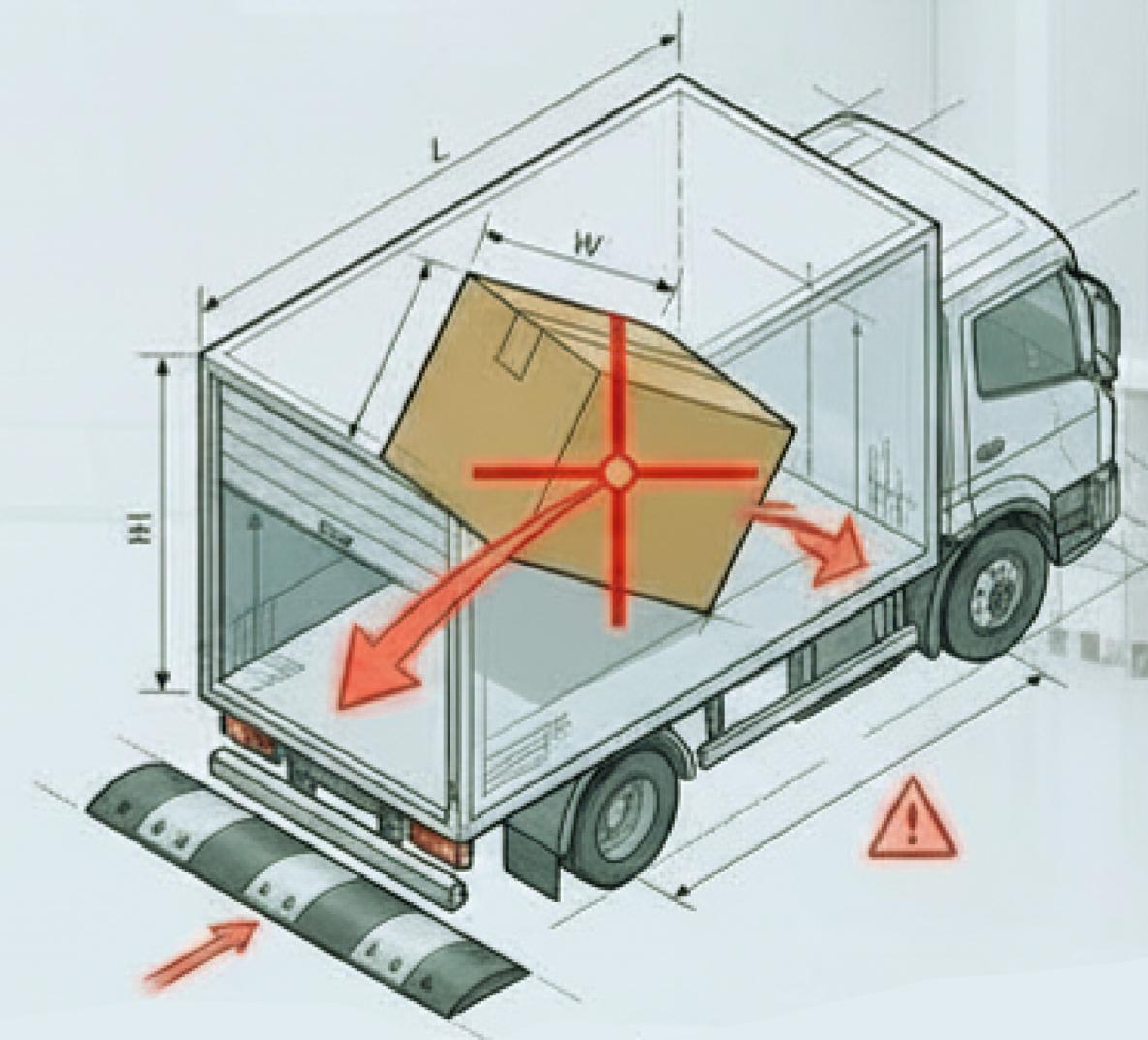
2

Transshipment
Up to 6-8x loading and
unloading



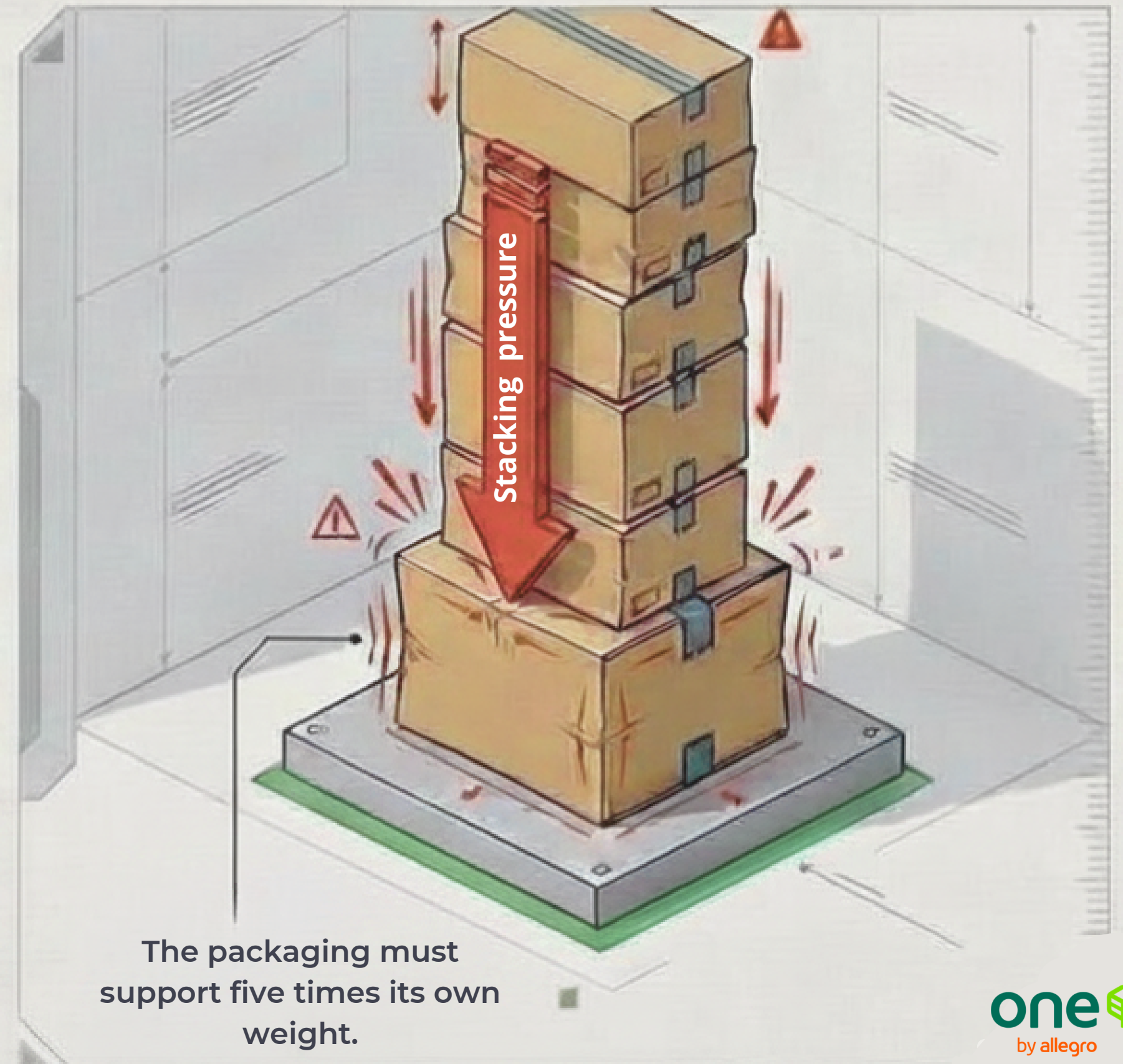
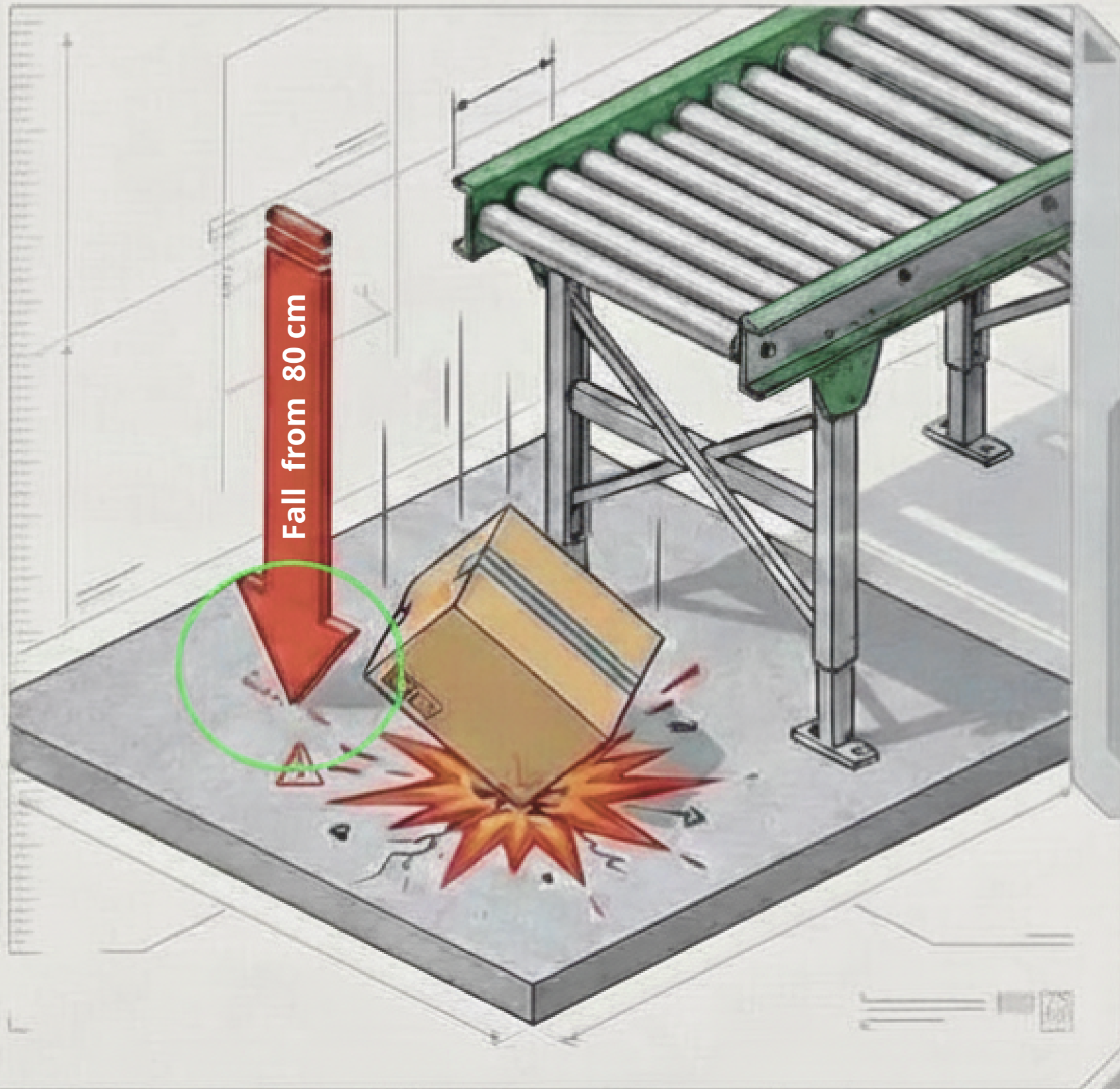
3

Delivery
Movement on the truck bed

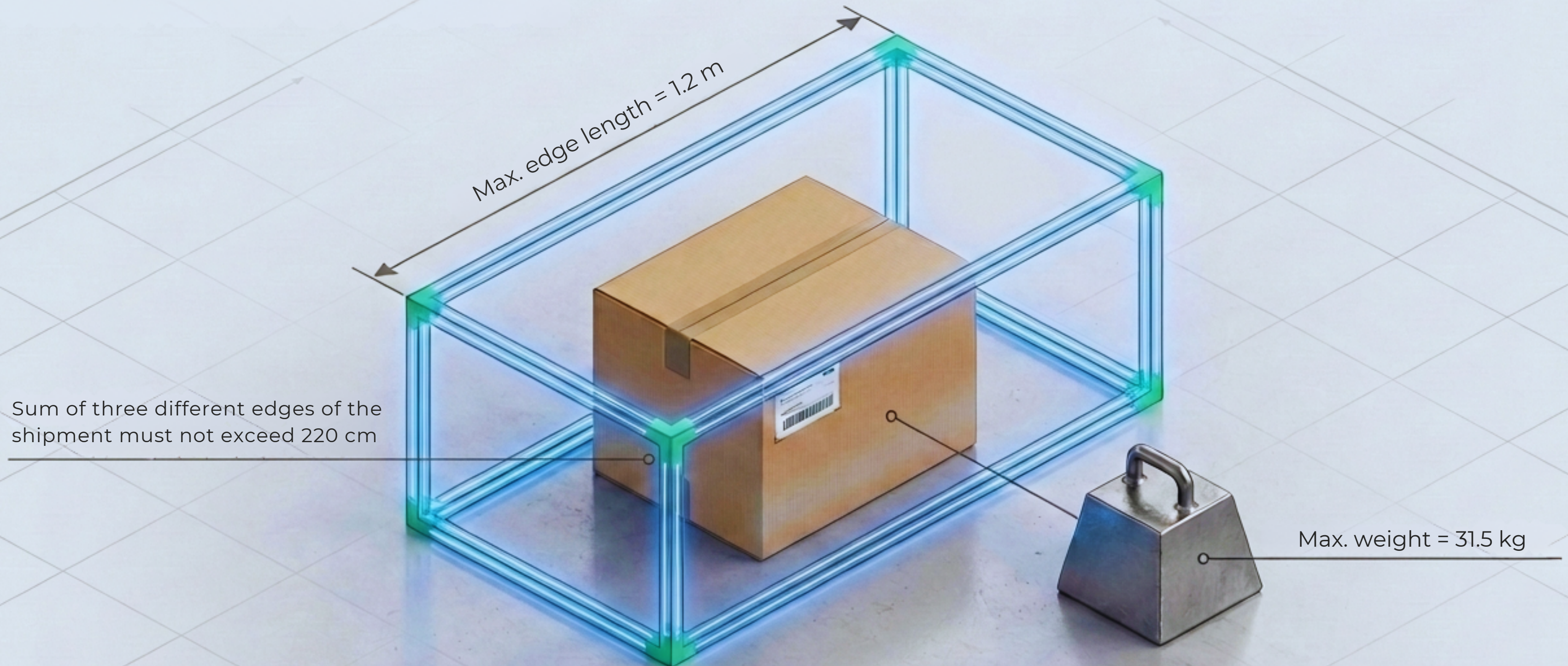


Package Durability

What the packaging must withstand



Limits: Maximum Parameters per Single Piece
Every cargo piece must fit within a strict system frame.
Anything exceeding this frame cannot be transported.



Do Not Bundle What Should Be Separate

**Bundling multiple cargo pieces together is strictly prohibited.
Risk of the bundle tearing apart and losing parts of the shipment.**



**Shipments get torn apart on conveyor belts.
An unlabeled piece is irretrievably lost.**

Prohibited Items / Restricted Goods

What does not belong in standard system transport without prior written approval?



Value over 100,000
CZK / 4,000 EUR



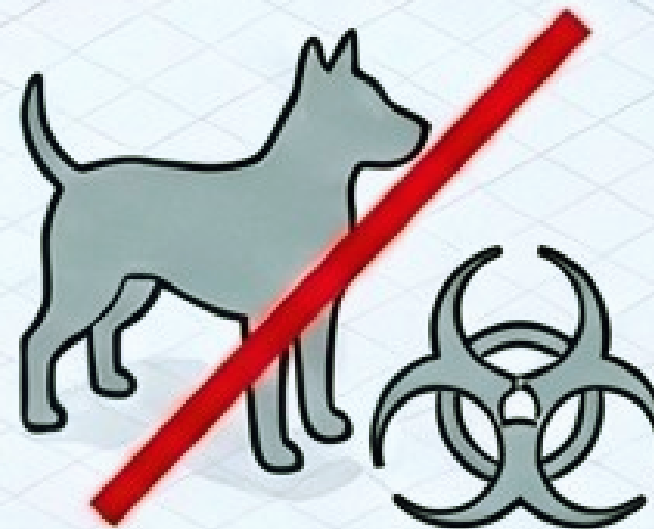
Explosives, ADR
chemicals, flammables



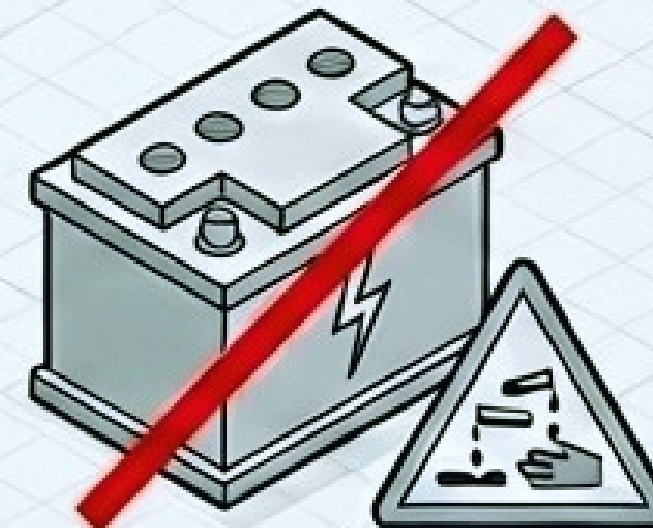
Weapons and
ammunition



Loose glass and liquids
in fragile packaging



Live animals
and biological material

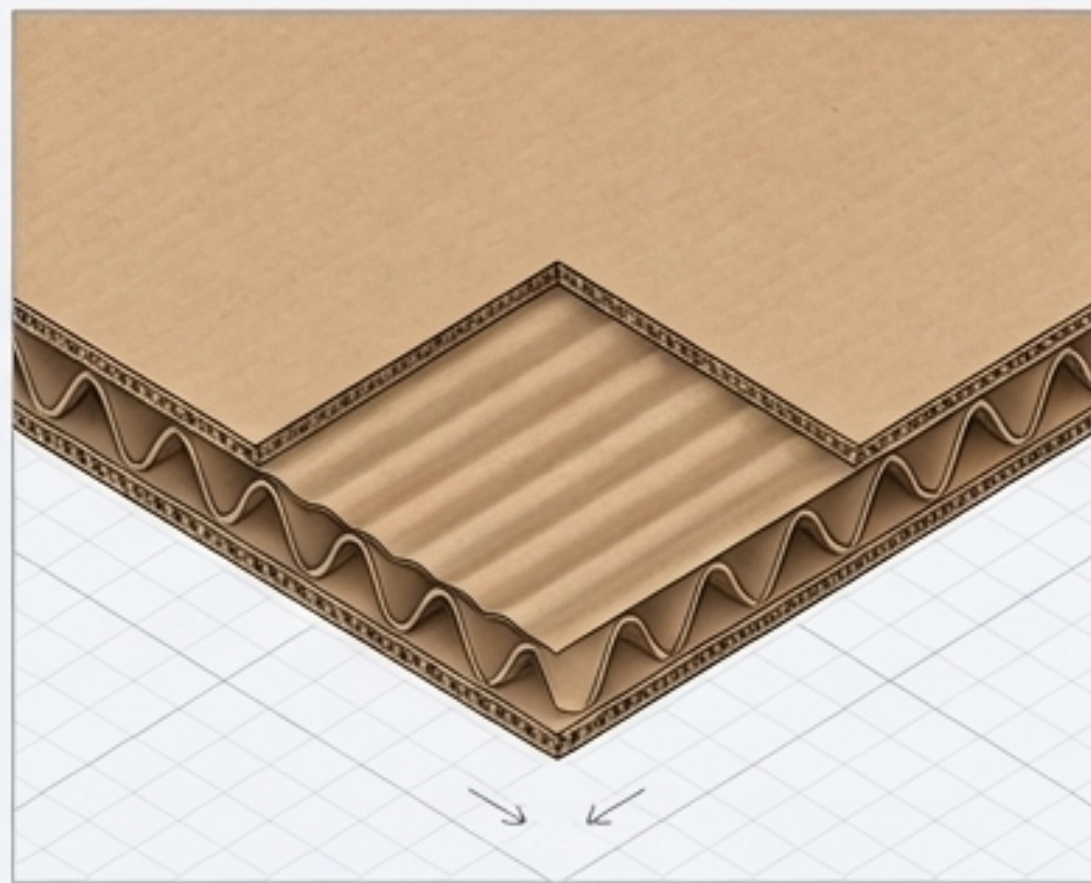


Car batteries
with corrosive acid

Outer Shell: Proper Cardboard Is the Foundation

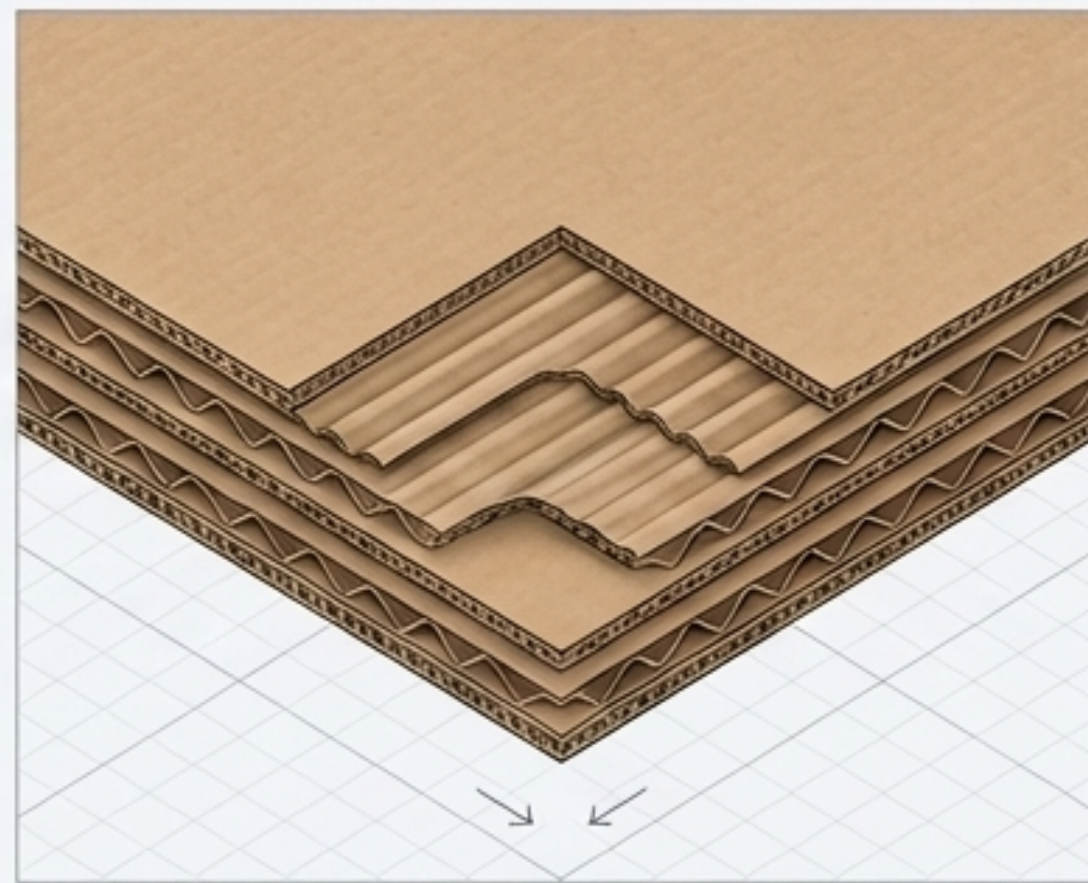
The packaging must match the weight and sensitivity of the contents. Retail packaging is usually not sufficient. Using a cardboard box is always better than using stretch film.

3-layer corrugated cardboard



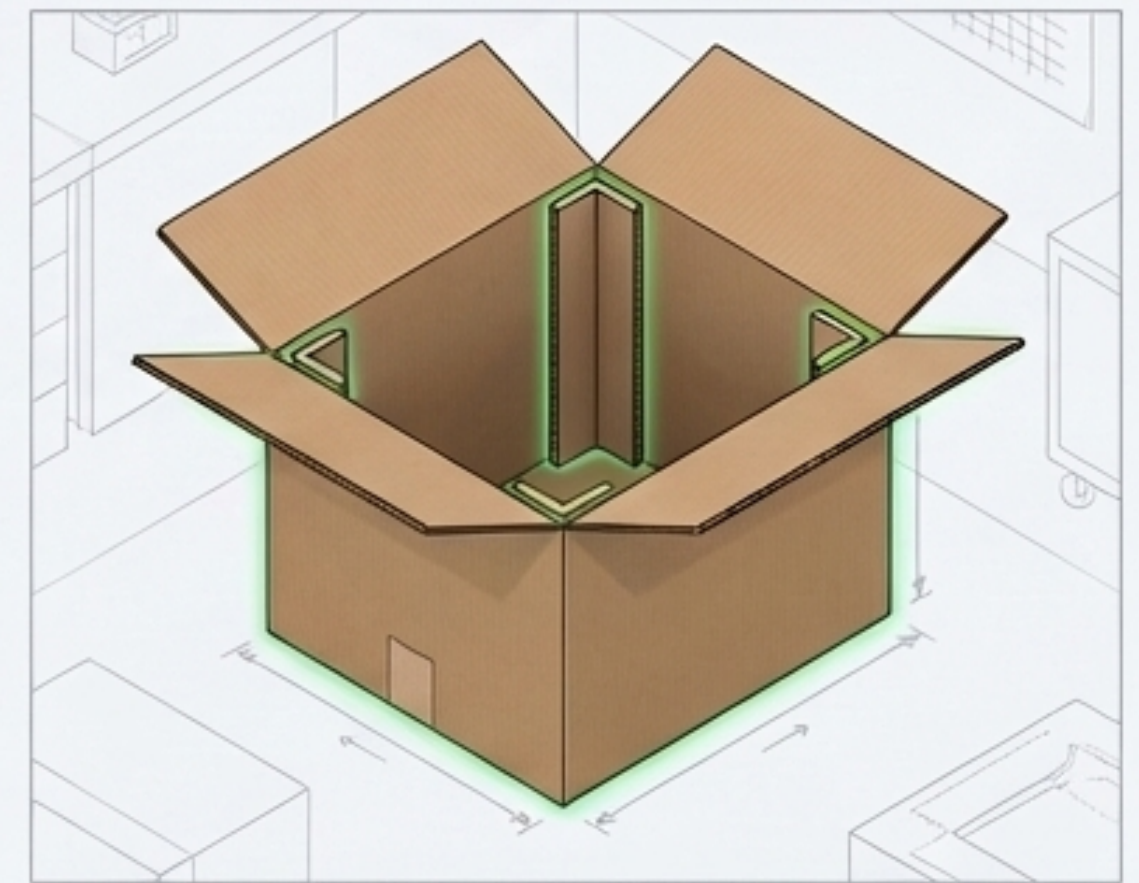
Capacity: Up to 15 kg.
Suitable for: Light, less sensitive
and bulky products.

5-layer corrugated cardboard



Capacity: 30 to 50 kg.
Suitable for: Heavy, fragile, sensitive
and robust products.

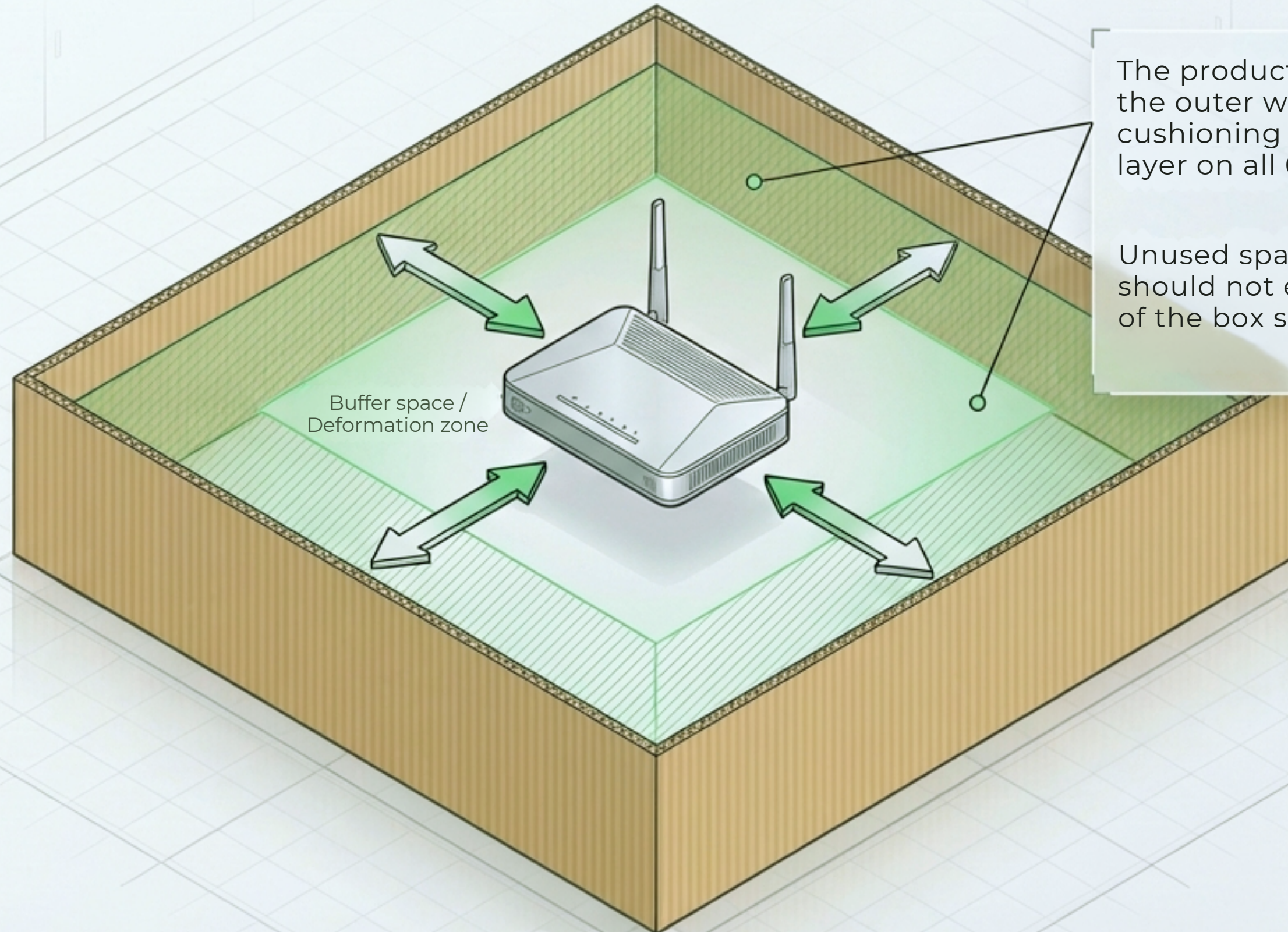
Special reinforcements (U/L profiles)



Use: For very heavy products
with sharp edges and for international
shipments.

The Golden Rule of Packing: Deformation Zones

The product must never touch the outer walls of the box. It must float in a protective space.

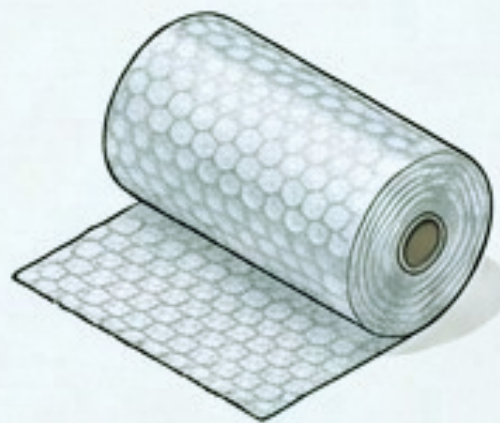
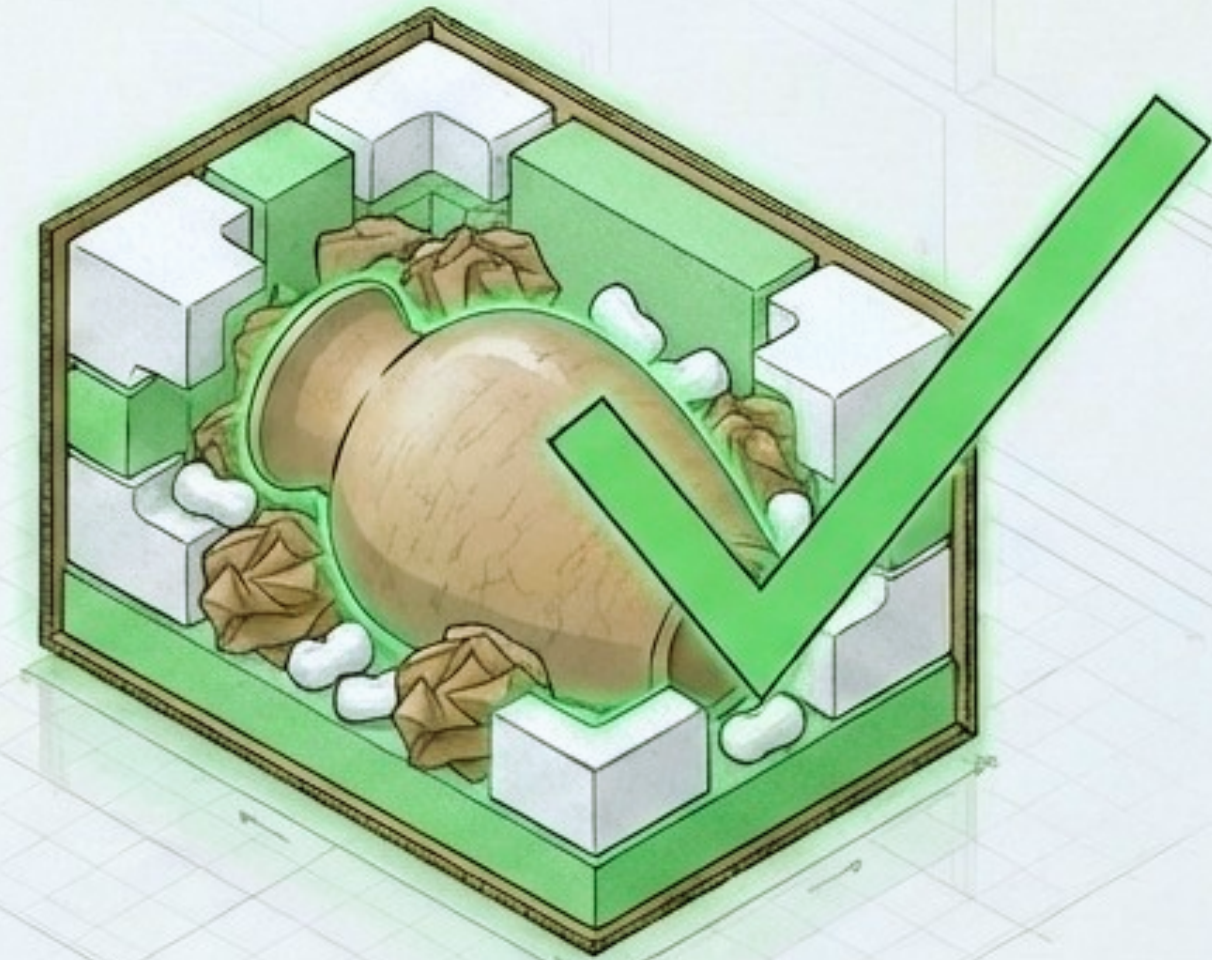


The product must not touch the outer walls. Create a cushioning layer on all 6 sides.

Unused space in the packaging should not exceed 10% of the box size.

Interior Cushioning: Preventing Item Movement

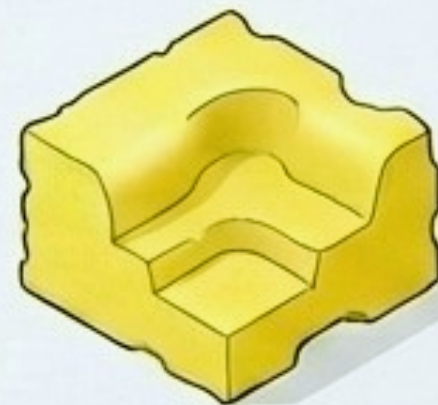
The box must be completely filled. If the contents move, they will be destroyed upon impact.



Bubble wrap



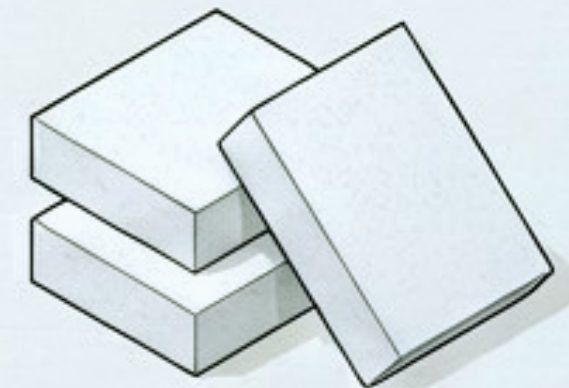
Crumpled paper



PU fixing foam



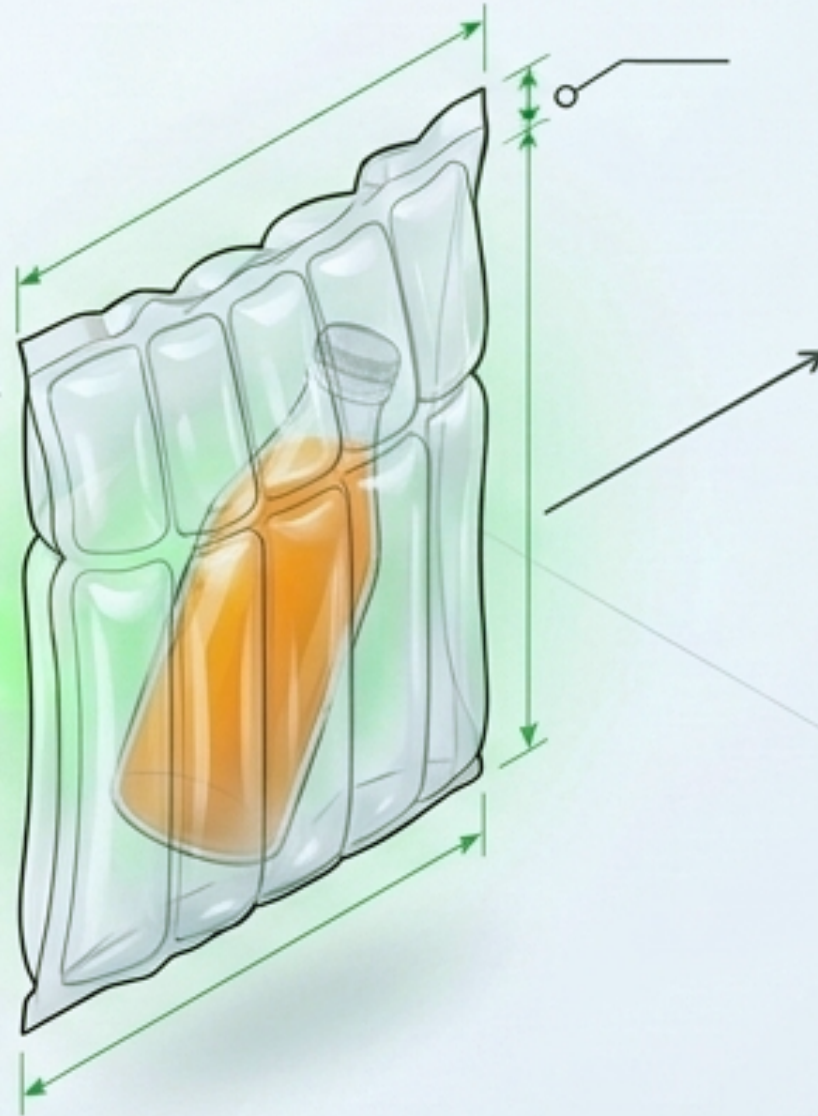
Packing peanuts (Flo-pak)



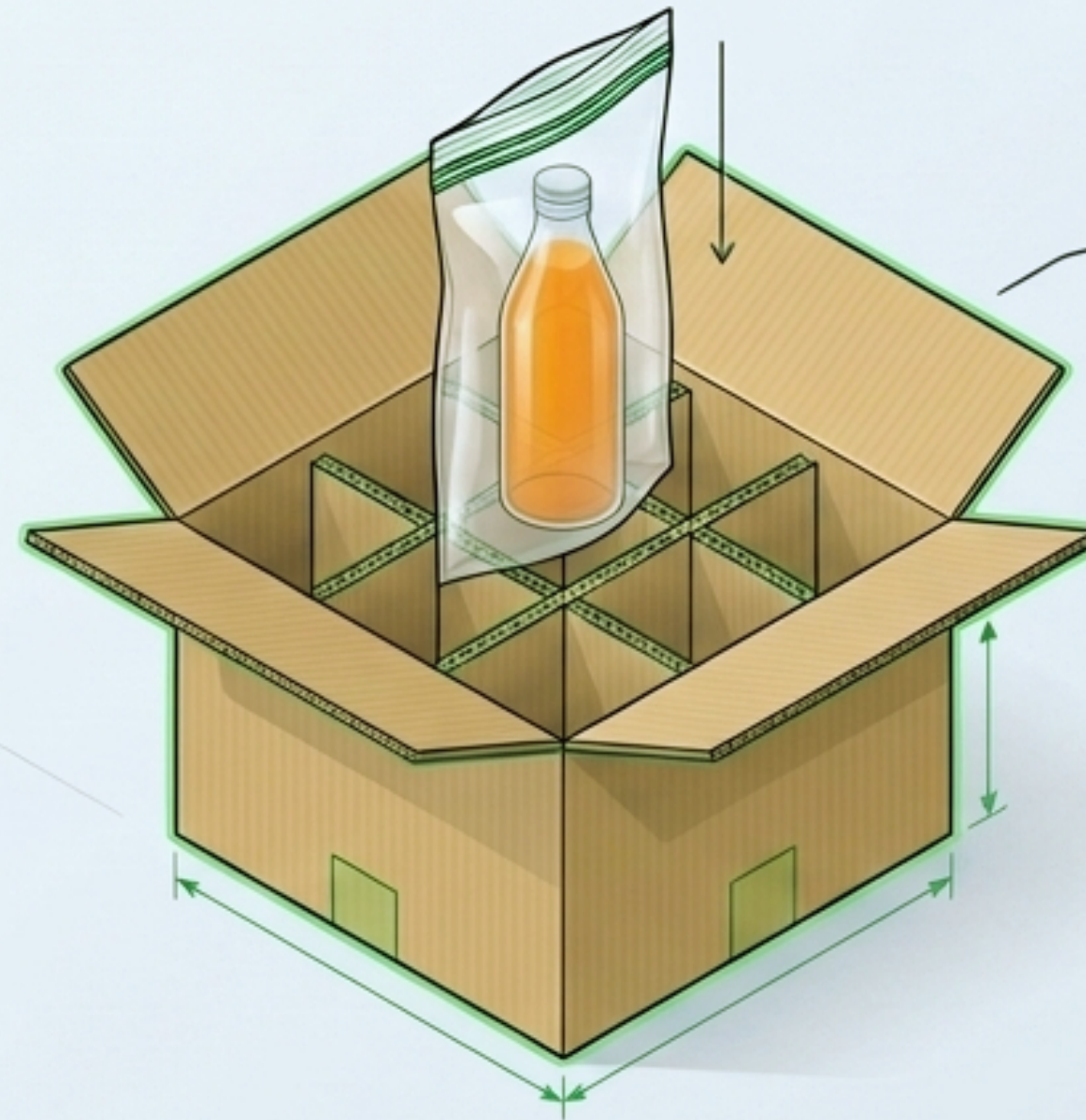
Polystyrene

Special Case: Liquids and Bottles

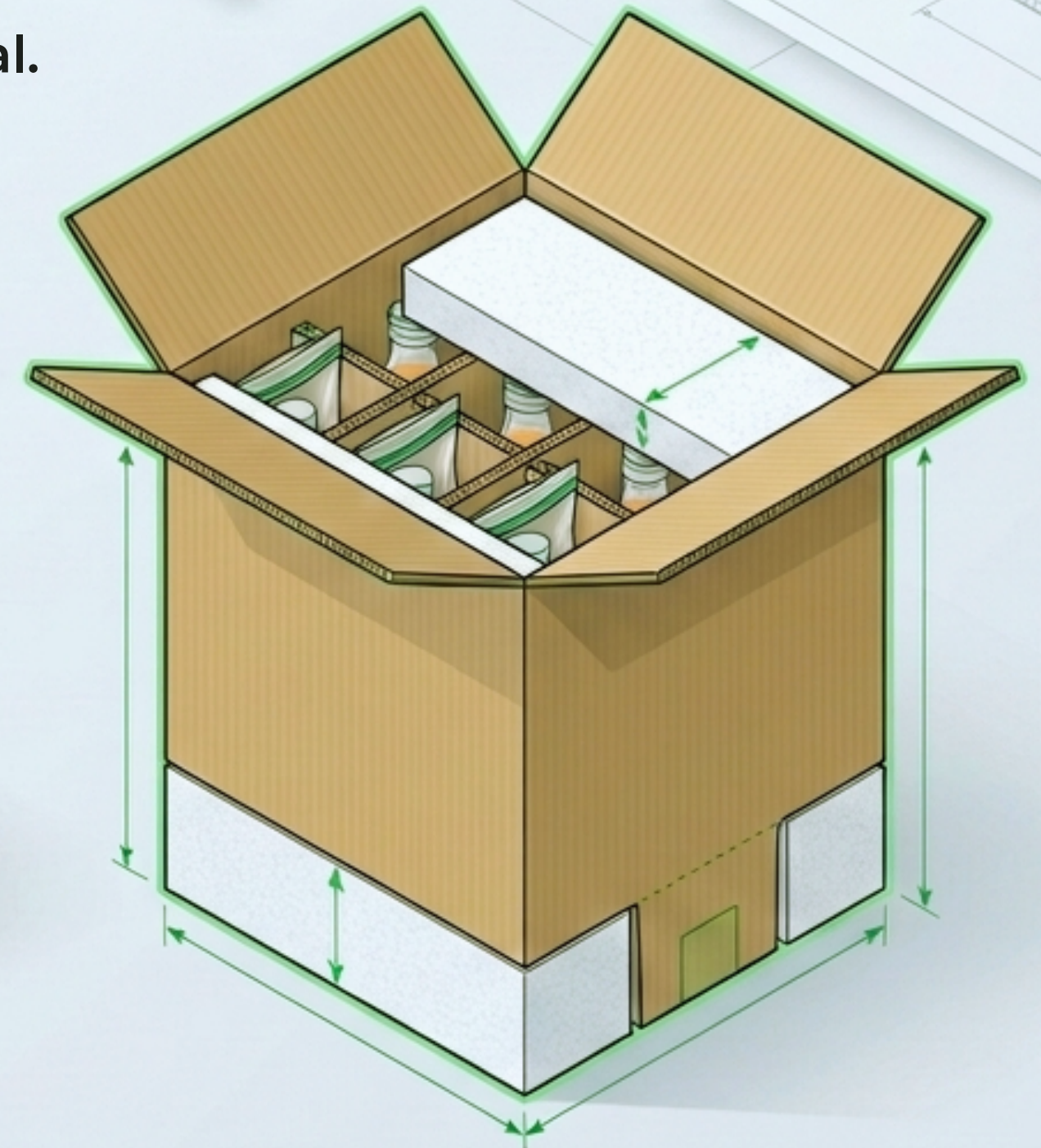
Liquids require extreme protection. A leak destroys not only your shipment but also others. Transport is only possible with prior approval.



Step 1: Leak-proof protection.
Sealing in an air bag prevents
damage from mishandling.



Step 2: Separation.
Bottles must not touch each other.



Step 3: Packaging.
5-layer cardboard and a strong
deformation zone.

STRICT LIMIT: Max. 6 bottles and max 9 kg per cargo piece!

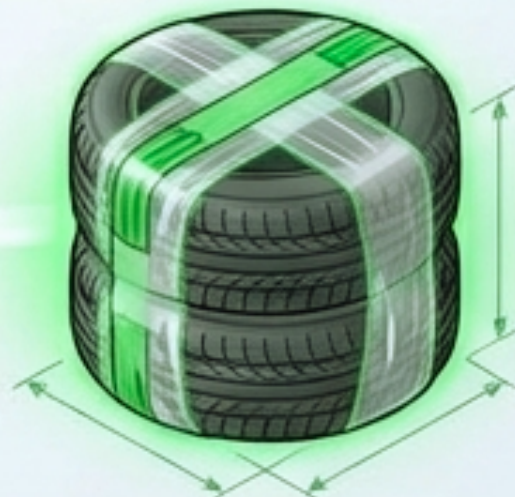
Special Case: Tires

Tire transport is subject to strict weight and size limits.
Tires mounted on rims require a separate approach.

Standard tires



Up to 18" inclusive and max 30 kg total.

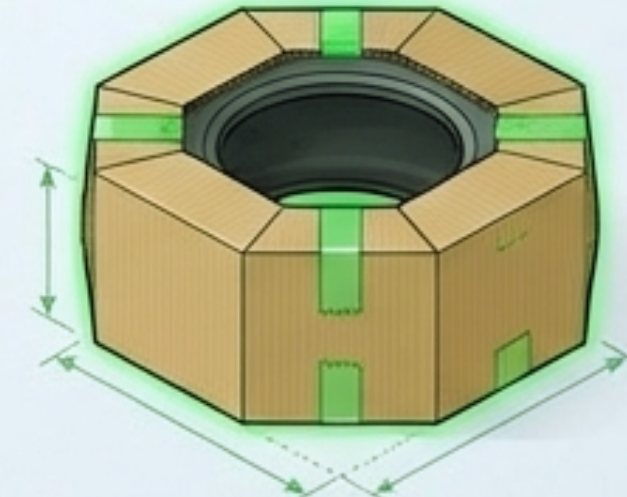


Can be packed 2 per box.

Large tires or rims



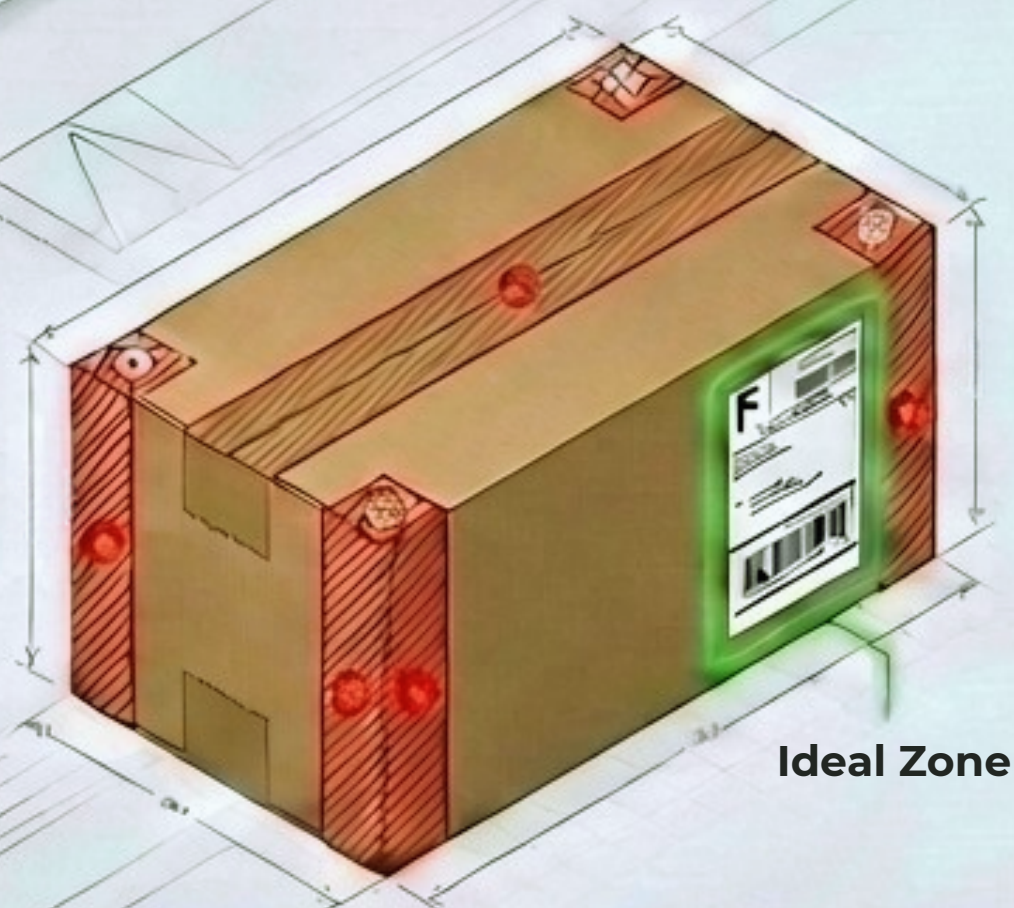
Over 18" or mounted on a rim.



Must be packed 1 per box. Max. weight 30 kg per piece.

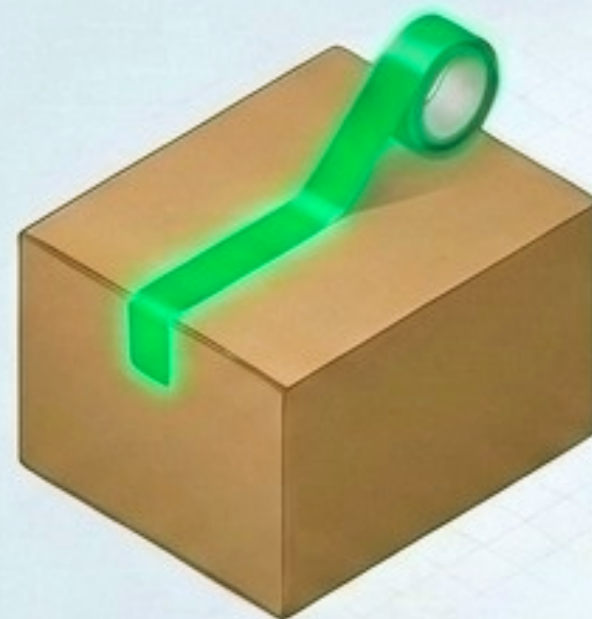
Proper Labeling

Correct Label Placement

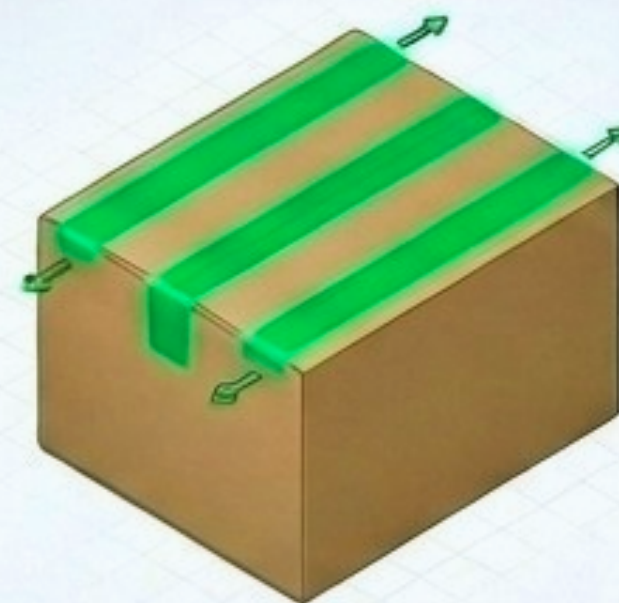


Sealing the Shipment: The Double "H" Rule

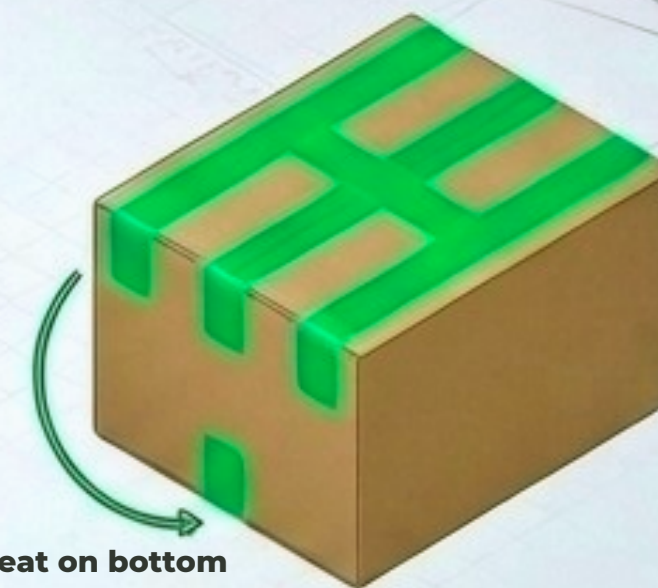
Sealing the package to ensure originality prevents opening and extremely reinforces the box construction.



Step 1: Center seam.



Step 2: Side edges.



Repeat on bottom

Result: Double H (top and bottom).

We recommend using unprinted tape.

DISCLAIMER

For shipments valued over CZK 20,000, a fee of 0.2% of the shipment value is charged for transport.

ADR Rules in Logistics (Dangerous Goods) in the Czech Republic



Explosives
Class 1
(e.g. fireworks, ammunition,)



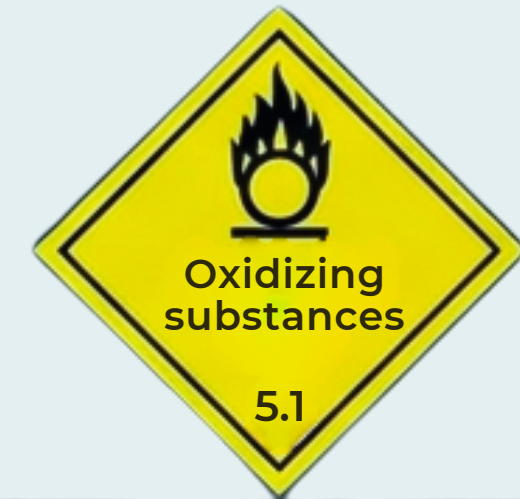
Gases
Class 2
(e.g. aerosols, propane-butane, lighters)



Flammable liquid
Class 3
(e.g. paints, solvents, alcohol)



Flammable solids
Class 4
(e.g. matches, solid firelighters)



Oxidizing substances
Class 5.1
(e.g. hydrogen peroxide, nitrates)



Organic peroxides
Class 5.2
(used e.g. in the production of plastics and resins)



Toxic substances
Class 6
(e.g. pesticides, cyanides)



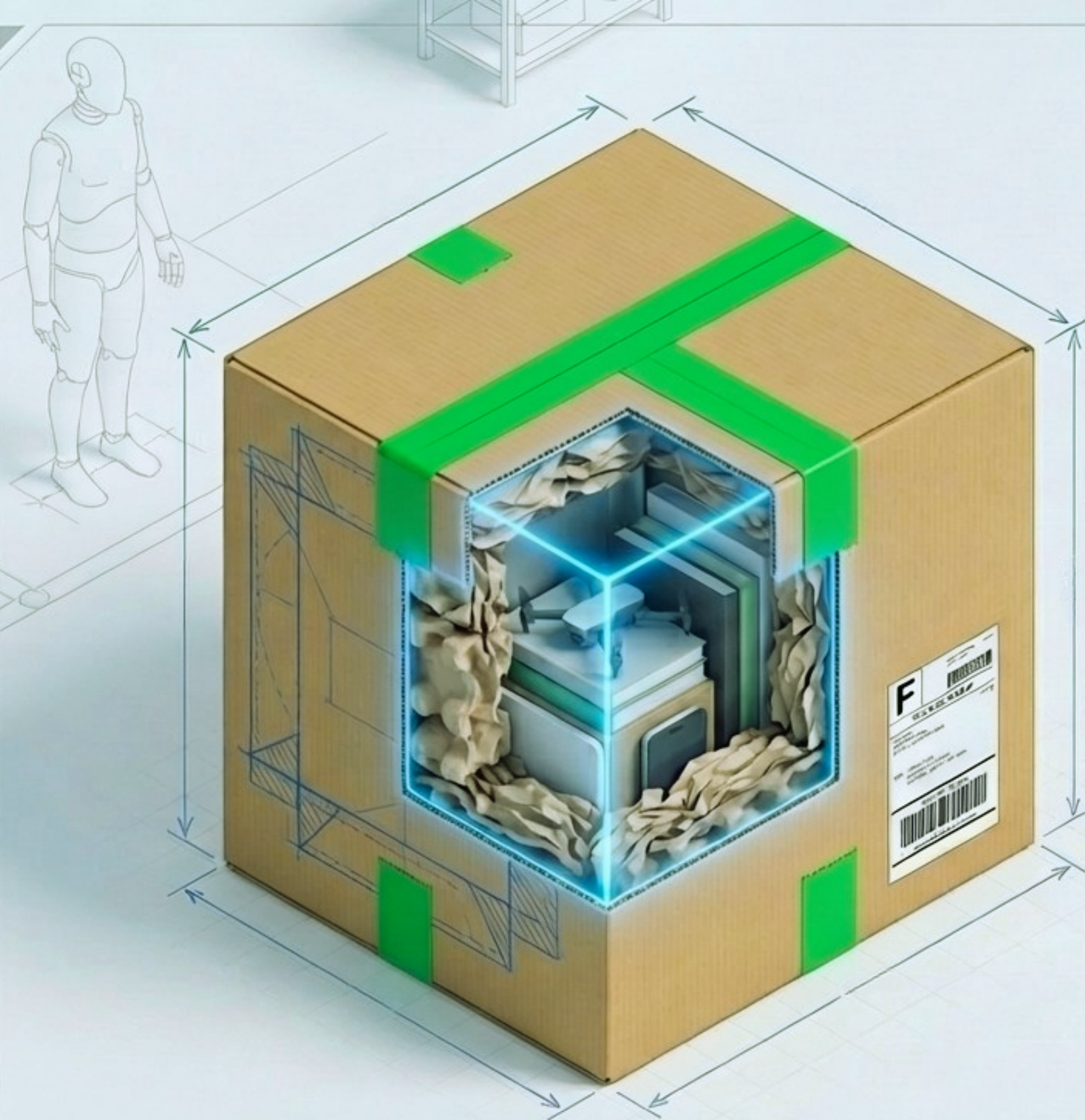
Radioactive materials
Class 7
(e.g. medical isotopes, uranium)



Corrosive substances
Class 8
(e.g. acids, alkalis, cleaners)



Other dangerous substances
Class 9
(e.g. lithium batteries, dry ice, asbestos)



The Equation for 100% Delivery

- ✓ **Limits met:** Up to 31.5 kg, max length 1.2 m.
- ✓ **Solid shell:** Appropriate cardboard (3 or 5 layers) capable of 5x stacking.
- ✓ **Absolute fixation:** Deformation zones on all 6 sides (especially the bottom!), zero movement inside.
- ✓ **Clear navigation:** One intact label in the bottom-right corner, sealed in an H pattern.