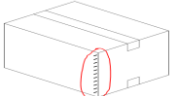


## WSGO - Europe

### PACKAGING REQUIREMENTS – FOOD ITEMS: rapid guide

<b>Product</b>	<b>Carton type</b>	<b>Bursting strength</b>	<b>Carton Thickness</b>	<b>Sealing tape (depends on the weight of carton)</b>	<b>Internal Protections</b>	<b>Additional protections for WSM POs</b>	<b>Carton Marking</b>
Food items NOT liquid e.g.: pasta, biscuits, snack, etc...	Double wall 5 ply	200 lb/in2 (PSI) = 1379 Kpa	6,48mm	<ul style="list-style-type: none"> <li>▶ 0-2,6 Kg: Single Closure. 5 cm wide</li> <li>▶ 2,7 - 9,4 Kg: Single Closure. 7,5 cm wide . OR H Closure. 5 cm wide</li> </ul>	<ul style="list-style-type: none"> <li>▶ Internal dividers: 200 lb/in2 (PSI) = 1379 Kpa Double wall 5 ply. Horizontal flute direction. Full height.</li> <li>▶ Top and Bottom corrugated pads</li> </ul> <p><i>See following pages for details</i></p>	<p>Poly bag, shrink wrap, bubbles or foam sheets</p> <p><i>See following pages for details</i></p>	<ul style="list-style-type: none"> <li>▶ International Handling symbols</li> <li>▶ Cold room (if necessary)</li> </ul> <p><i>See following pages for details</i></p>
Food items liquid or semi-liquid e.g.: oil, Tomato sauce, products preserved in oil, etc...	Double wall 5 ply	275 lb/in2 (PSI) = 1896 Kpa	6,48mm	<ul style="list-style-type: none"> <li>▶ 9,5 - 18,5 Kg: Single Closure. 7,5 cm wide</li> <li>-Clear or Brown polypropylene Tape.</li> <li>-Steel Strapping NOT allowed to close the carton. They are allowed only at the joint side, in lieu of glue.</li> </ul> 	<ul style="list-style-type: none"> <li>▶ Internal dividers: 200 lb/in2 (PSI) = 1379 Kpa Double wall 5 ply. Horizontal flute direction. Full height.</li> <li>▶ Air Cells: 2,5 cm at least</li> <li>▶ Top and Bottom corrugated pads</li> </ul> <p><i>See following pages for details</i></p>	NO	<ul style="list-style-type: none"> <li>▶ International Handling symbols</li> <li>▶ Cold room (if necessary)</li> </ul> <p><i>See following pages for details</i></p>

## WSGO - Europe

### **RETAIL PACKAGING vs DTC/MAIL PACKAGING:**

#### ***Retail***

- MC qty = Master Carton quantity.
- DL qty = The Distribution Lot quantity. Qty of a given number of SKU that WSI ships to a Retail Store

For RTL it must be equal to Distribution Lot quantity (DL qty). Therefore: MC qty = DL qty

#### ***Mail/DTC***

- MC qty = The purpose of the Master Carton quantity for DTC is to contain a certain number of Selling Units to be shipped from Vendor premises to Memphis DC.
- SU qty = Selling Unit quantity. This field is always 1 because is equal to the SKU (individual item: 1 piece or 1 set).

DTC/Mail POs: each piece (or set) must be packed and protected individually. Exception: liquid or semi-liquid food items.

### **MIN. AND MAX. PACKAGING DIMENSIONS:**

#### ***Retail***

- Minimum size for MCs to be conveyable is: 9 x 6 x 2 inches and 2 lbs (= 23 x 15 x 5 cm and 0.90 Kg).
- Pkg that exceed 52 x 35 x 32 inches and 75 lbs (= 132 x 89 x 81 cm and 34 Kg): individual pkg is required. MC/DL qty = 1/1

#### ***Mail/DTC***

- We do not have minimum size
- Maximum size for MCs to be conveyable is Longest dimension 27 inches (68,5 cm) and 2<sup>nd</sup> longest dimension 18 inches (45,5 cm). Additional weight and size limitations are:
  - Items with a 3<sup>rd</sup> dimension of 12 inches (30,5 cm) or more are considered non-conveyable
  - Items exceeding 5832 cubic inches (L x W x H) are considered non-conveyable
  - Items exceeding 30 lbs (=13.6 Kg) are considered non-conveyable.

## WSGO - Europe

### Clarification about Sealing tape: H closure vs single closure

Clear or Brown polypropylene Tape required.

- pkg between 0 and 2,6 Kg: single closure 5 cm wide
- pkg between 2,7 and 9,4 Kg: single Closure. 7,5 cm wide OR H Closure 5 cm wide
- pkg between 9,5 and 18,5 Kg: single Closure. 7,5 cm wide

Example of single closure (to be done on both the top and the bottom of the carton)



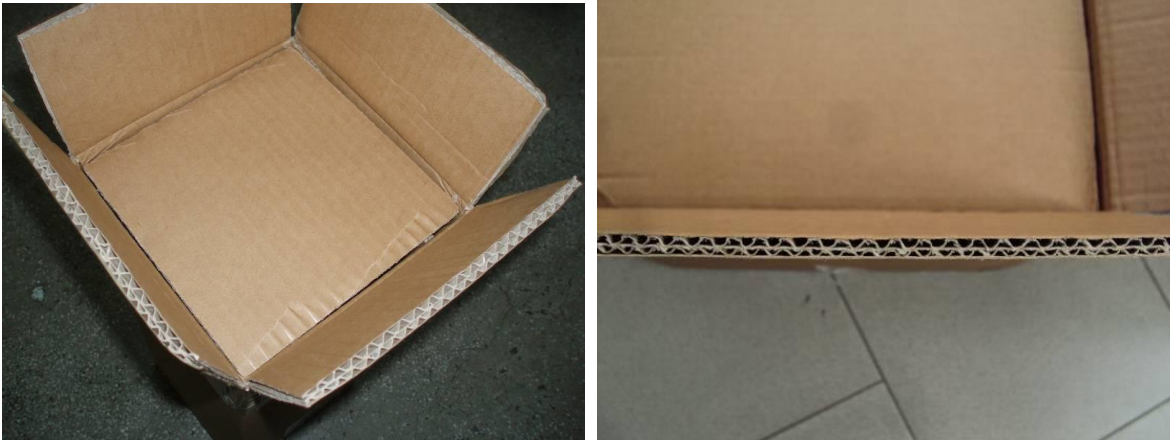
Example of H closure (to be done on both the top and the bottom of the carton)



## WSGO - Europe

### Examples of pkg configurations

Examples of corrugated top and bottom pads + corrugated carton double wall 5 ply with vertical flute direction. 6,60 mm thickness:

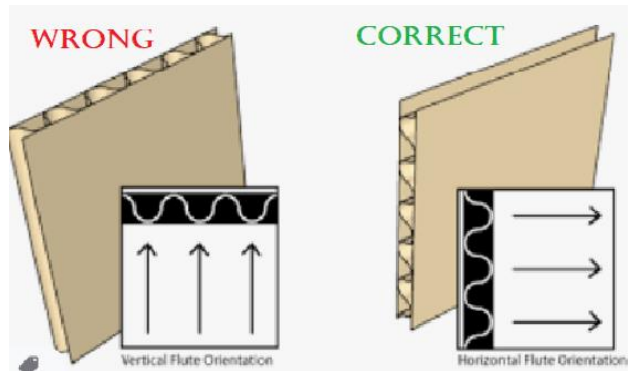


Examples of internal dividers and air cells. Carton double wall 5 ply with horizontal flute direction\*. 6,48 mm thickness:



## WSGO - Europe

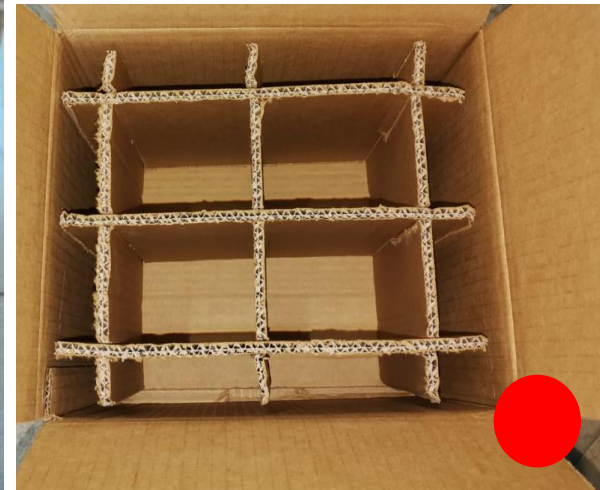
\*Difference between internal dividers with horizontal fluting (correct) and vertical fluting (wrong)



Horizontal flute direction: correct



Vertical flute direction: wrong





## WSGO - Europe

Example of honeycomb air cell. For detailed info about honeycomb please follow up with your EU QA relevant person



Examples of internal dividers for NOT LIQUID Food items (without air cells):



Based on the product type/packaging, it might be necessary additional recyclable protections, such as PE foam, foam wrap, foam cushions or PE films. QA team will advise if they are needed. If yes, QA Team will also confirm all specific info and requirements.




## WSGO - Europe

### ECO PACKAGING REQUIREMENT:





70-100% (by weight) of all packaging materials must be recyclable. This applies to all carryover, core and new developments.

Here is a list of packaging materials that are most commonly recycled in the US. This list is not exhaustive but does cover the core materials WSI uses in protective packaging. If there is a specific material not included in this list, please contact your relevant Eu QA person.

The recyclable materials in the list below are to be added to the recyclable side of the weight/percentage calculation: 70% recycle vs 30% not recycle by pkg materials weight.




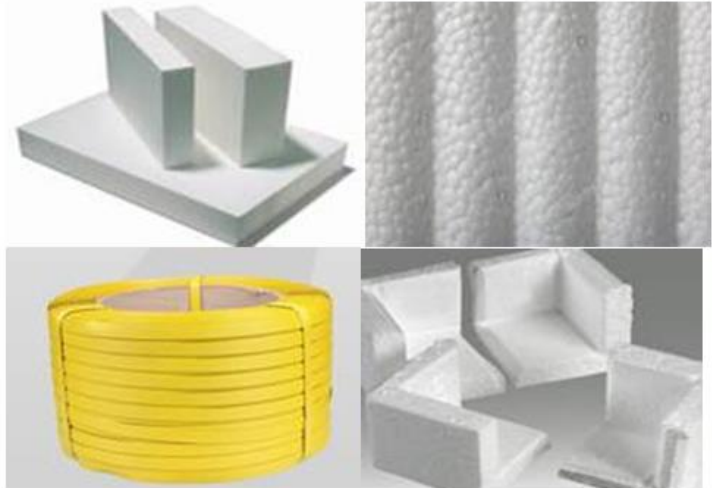
1.	Paper	Recyclability in USA
	Paper corrugated, fiberboard, molded pulp; master cartons, inner cartons, other paper components, edge protectors and corners	<div> Recyclable</div> <div></div>

## WSGO - Europe

2.	PE foam	Recyclability in USA	
	PE foam; foam wrap, foam cushions	 <p>Recyclable</p>	
3.	PE films	Recyclability in USA	
	PE polybags; protective bag around furniture, textiles, other items	 <p>Recyclable</p>	



## WSGO - Europe

4.	Acetate	Recyclability in USA	
	This is a tree pulp cellulose used mainly in brand packaging; this material will be reviewed by the brand packaging team	 Recyclable	
5.	Polystyrene (PS)	Recyclability in USA	
	Polystyrene; foam cushions and strapping for cartons attached to pallets	 Not recyclable	

## WSGO - Europe

6.	Polyurethane (PU)	Recyclability in USA		
	Polyurethane foam cushions and foam in place (sprayed or injected)	 Not recyclable	   	
7.	Polyvinylchloride (PVC)	Recyclability in USA		
	PVC bags used in brand packaging; this material will be reviewed by the brand packaging team	 Not recyclable	 	

### Transition from wood pallet to Paper pallet

With the aim to reduce the non-recyclable pkg materials as much as possible (eco sustainability policy), WSI is transitioning to paper pallets in all SEA shipments. The feet can be constructed of vertical corrugated sheets that are laminated together or they can be made of honeycomb, both are acceptable. Please get in touch with your relevant EU QA person for detailed info.

### PCR (100% post-consumer recycled polyethylene) polybags

When used by vendors, Eu QA Team need the below documentation:

- Global Recycled Standard certificate. This is a third party certification to verify the material truly is recycled.
- Testing report that certifies there are no heavy metals in the ink and the plastic material.

## **WSGO - Europe**

### **DESICCANT- MOISTURE CONTROL REQUIREMENTS**

To ensure packaged products are protected from moisture, desiccant is required to maintain low moisture content within the shipping container environment and within master cartons (specific product types) to help prevent water vapor condensation and mold growth during shipping.

Silica desiccants are prohibited from WSI Master Cartons and Primary Packaging as of March 2020 shipments onwards and must be replaced with Clay Desiccants. If your products do require Clay Desiccants, please inform your EU QA relevant person.

**The selling unit requires individual protection (transparent poly bag, shrink wrap, etc..) for DTC/MAIL channel.**

Liquid/semi-liquid products are exempted.

- The plastic bag must be well sealed and must be a minimum of 1.25 mils (0.03 mm) thick.
- The Suffocation Warning is needed when the minor dimension of the bag is 3.94 inches (100 mm) or more. Bag dimensions shall be measured while in the form of a bag not cut open into a single thickness sheet. The minor dimension of the bag is the smallest of either the bag length or bag width.
- The warning must be legibly printed or permanently labeled on the plastic bag.
- The warning statement must be printed in both English, French and Spanish.
- WARNING STATEMENT FONT SIZE

## WSGO - Europe

Total of length and width of bag combined  
Less than 30 inches  
30 inches or more, but less than 40 inches  
40 inches or more, but less than 60 inches  
60 inches or more

Size of Type  
10 point or larger  
14 point or larger  
18 point or larger  
24 point or larger

**Note: 1 point (Pt) = 1/72 of an inch, or 0.0138 in., or 0.3515mm A 10% tolerance of font size will be accepted as a pass.**

### ENGLISH

"WARNING: PLASTIC BAGS CAN BE DANGEROUS TO AVOID SUFFOCATION, KEEP BAG AWAY FROM BABIES AND CHILDREN. DO NOT USE IN CRIBS, PLAYPENS OR CARRIAGES THIS BAG IS NOT A TOY."

### FRENCH

"ATTENTION: LES SACS DE PASTIQUE PEUVENT ÊTRE DANGEREUX. POUR ÉVITER TOUT RISQUE DE SUFFOCATION, NE PAS LAISSER CE SACHET D'EMBALLAGE À LA PORTÉE DES BÉBÉS NI DES ENFANTS. NE PAS UTILISER DANS LES LITS, PARCS ET POUSETTES. CE SACHET D'EMBALLAGE N'EST PAS UN JOUET."

### SPANISH

"ALERTA: LAS BOLSAS DE PLÁSTICO PUEDEN SER PELIGROSAS. PARA EVITAR EL PELIGRO DE ASFIXIA MANTENER LA BOLSA FUERA DEL ALCANCE DE BEBÉS Y NIÑOS. NO USAR EN CUNAS, CORRALES DE JUEGO O COCHECITOS. ESTA BOLSA NO ES UN JUGUETE."

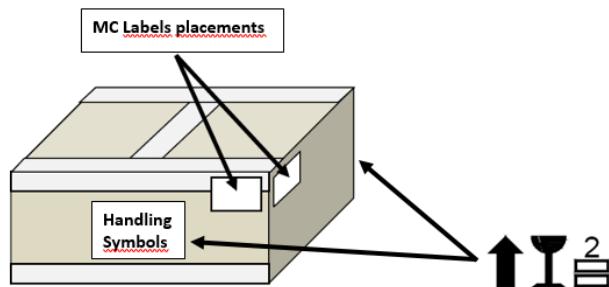


## WSGO - Europe

### ➤ International Handling symbols

2 identical labels to be positioned on the two smaller vertical panels of the carton. They can be on adhesive label or printed directly to the MC.

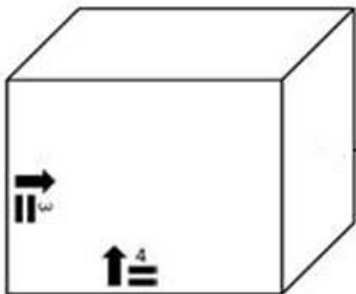
- Symbol of the arrow is requested for all product categories.
- Symbol of glass is requested for fragile product only.
- Stacking symbol is required for all master cartons which are prone to stacking (compression) damage. Vendor should determine the maximum allowable cartons on a uniformed straight column stack to a maximum height of 110 inches (279 cm). Number above rectangles indicates the number of allowable cartons to be stacked. The number “1” in this position indicates that no stacking is allowed.



In order to optimize container loading, it is an option to use the **double arrows on cartons**. The vendor is responsible to decide if the product is safe when stacked in the two designated orientations.

When the double arrow is present, it is necessary to add the stacking symbol for that orientation as well.

While determining the maximum allowable cartons, pay attention not to exceed 279 cm.





## WSGO - Europe

### ➤ Cold Room

Cold Storage Label (Blue) is required for temperature-sensitive items. Apply to opposite vertical panel of each master carton. Label printed by vendors. They can be on adhesive label or printed directly to the MC.

*NOTE:* cold room label does not mean that product is stored in a refrigerated area. Item is placed in a temperature controlled room.

It is vendor responsibility to indicate if the product needs or not this label

