



Packaging guidelines ver. REG

Rev. 00 of 31/05/2021 - End of validity: 31/12/2022



The products can be packed in different formats: **from 50 grams up to 5 kilos.**



The **round** package (right) presents two horizontal welds, a vertical one and a squared base, giving it the typical "cushion" shape.

Four-weld package (left) is characterised by a more defined, square profile.



Retail format

Products	Nominal quantity
Cereals and Legumes Grains Cereals and Legumes Flours Couscous	250g to 1000g
Soups and Cereals and Legumes Blends	
Seeds and Seed Blends Dried Fruit and Dried Fruit Blends	50g to 250g
Salts and Sugars	500g to 1000g

HORECA format

Products	Nominal quantity
Cereals and Legumes Grains Couscous	
Soups and Cereals and Legumes Blends Seeds and Seed Blends Dried Fruit and Dried Fruit Blends	3kg to 5kg
Flours	2kg to 2,5kg



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Although the most commonly used films are **traditional plastic films**, we are happy to offer an eco-friendly alternative: we have recently added **100% compostable film** packaging to our range of services.

Conventional films can be transparent or matt; the compostable film has an almost milky appearance.

All films can be printed, which allows the packaging to be customized with the customer's brand design; this option is used in high turnover products (from 15,000-20,000 pieces/year per print subject). In this case, the start-up costs include the printing equipment (175€ per colour plate). At BMS, only the highest quality films are used, which are suitable for **contact with foodstuffs** following current regulations and have a high **barrier** to gas and water vapour. The packaging of the products takes place in a **controlled atmosphere**, which allows the shelf life of the products to be extended compared to packaging in a natural atmosphere, as oxidative reactions and the development of aerobic micro-flora are considerably slowed down.



Product	Nominal quantity	Round Packaging			4-weld packaging			MAP
		Transparent Film	Matt Film	NEW!!! compostable	Transparent Film	Matt Film	NEW!!! compostable	
Cereals and Legumes Grains Cereals and Legumes Flours	da 250g a 500g	X	X	X	X	X	X	X
Couscous Soups and Cereals and Legumes Blends	da 750 a 1000g	X		X	Flours only		Flours only	X
Seeds and Seed Blends Dried Fruit and Dried Fruit Blends	da 50g a 250g	X	X	200-250g only	X	X	X	X
Salts and Sugars	da 500g a 1000g				X			

Product	Nominal quantity	Round Packaging		MAP
		Transparent Film	Blue Film	
Flours HORECA	da 2kg a 2,5kg	X		X
Other product HORECA	da 2kg a 5kg	X	X	X



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The packs are placed in **corrugated cardboard boxes**, on which a logistics label can be applied, and then placed on EPAL pallets (returnable or invoiced for €10/each), which are then packed for shipping the customer. For HORECA packages, the **pallet box** can be used as an alternative.

*stackable pallet		Option A					Option B					Pallet Box	
Products	Nominal quantity	Pcs / Parcel	Packages / Layer	Layers / Pallet	Pcs / Pallet	Pallet Size	Pcs / Parcel	Packages / Layer	Layers / Pallet	Pcs / Pallet	Pallet Size	Pcs / Parcel	Pallet Size
Cereals and Legumes Grains Cereals and Legumes Flours	250g to 500g	12	12	7	1008	140cm	6	16	6	576	106cm*		
Couscous Soups and Cereals and Legumes Blends	750g to 1000g	12	8	5	480	121cm	6	12	6	432	122cm		
Seeds and Seed Blends Dried Fruit and Dried Fruit Blends	200g to 500g	12	12	7	1008	140cm	6	16	6	576	106cm*		
	50g to 150g	12	16	6	1152	106cm*							
Salts and Sugars	500g	12	12	7	1008	140cm	6	16	6	576	106cm*		
	1000g	12	8	5	480	121cm	6	12	6	432	122cm		
Flours HORECA	2kg to 2,5kg	4	8	6	192	142cm						120/150	125cm
Other products HORECA	2kg to 3kg	3	8	6	144	142cm						150/168	125cm
Other products HORECA	3kg to 5kg	2	8	6	96	142cm						110/120	125cm



Labels can be applied to the front and back of the package. **For the packaging to be recyclable, the labels on conventional packages must be in PP or PE. For compostable packaging, the labels must comply with EN 13432:2002.**

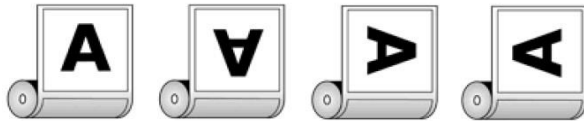
In addition, our packaging machines are equipped with thermal transfer **markers** that allow us to print directly onto the film: we generally print TMC and batch on the side of the pack, but it is also possible to print, for example, the product name on the front or product information on the back.

The customer is always responsible for creating the graphic design, content, printing and overprinting. BMS will provide the technical-legal information, which is responsible for the person packaging the product, to comply with the mandatory requirements



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The label can be supplied directly by the client in rolls conforming to our specifications for automatic labelling: **internal diameter 40mm, maximum external diameter 185mm, maximum dimensions 80x120mm, and minimum dimensions 50x70mm**. The direction of unwinding will be communicated following acceptance of the offer.

Alternatively, we can have your labels printed at our trusted print shop: between 1000 and 5000 labels per graphic subject; it is convenient to use **digital printing** (faster and more flexible for small quantities, but also more expensive, no printing equipment is needed), while for runs of over 5000 per graphic subject, **flexographic printing** is preferred (slower and with higher start-up costs, but also cheaper on large runs). For flexographic printing, you must also consider the cost of the equipment (one for each colour used). The price per piece of equipment varies from 15€ to 30€ + VAT, depending on the complexity and size of the label. The cost of the dies is between 110€ and 150€, depending on the size and shape.



The labels provided by the print shop can be applied as they are to the packaging or can be **overprinted**. This solution is ideal if you want to have a "basic" label pre-printed in the print shop, then customized in BMS by overprinting black text (left, e.g. for a line comprising several products), and you plan to print more than 5000 labels per print subject.

The headcard (right) is the alternative to the label and is applied to the pack using eyelets. The suitable size for the packages we produce is 80x280mm or 90x260mm.



The time required to produce the labels depends on the type of product and the printing method chosen:

Label approval:

- Organic product: 10-20 working days >>> label subject to control by our quality department and approval by the certification body
- Conventional product: 2-5 working days >>> label subject to control by our quality department

Label production in the print shop:

- Flexographic printing: 10-20 working days >>> involves setting up the printing equipment (3-5 days) and then actual printing (5-15 days)
- Digital printing: 3-10 working days