

COIN PACKAGING SPECIFICATIONS

1. **ROLLS**1.1. **Composition of rolls**

Coin face values in €	Roll value in €	1.1.1. Number of coins in roll
0,01	0,50	50
0,02	1	50
0,05	2,50	50
0,10	4	40
0,20	8	40
0,50	20	40
1	25	25
2	50	25

1.2. **Technical specifications of the paper**

Coin rolls must be made using a “neutral” paper, i.e. a paper without any manufacturers’ or remitters’ brand markings or indications. The roll-maker is identifiable by the indication of an identification code attributed by the Banque de France.

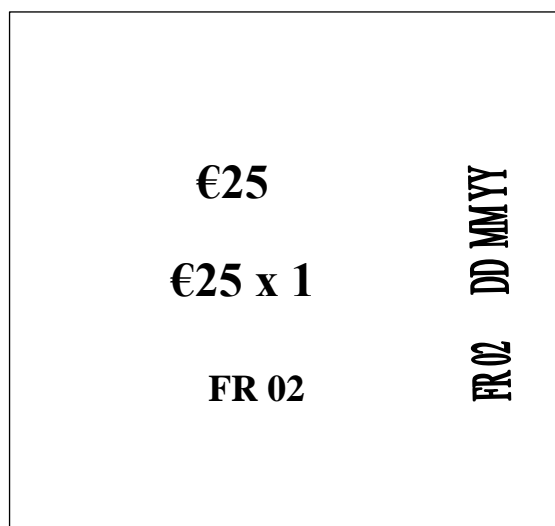
In addition, the roll must comply with certain paper-quality specifications (described in the French version of the standards):

1.3. **What should be printed on the paper**

The only three elements that must be printed on the rolls are:

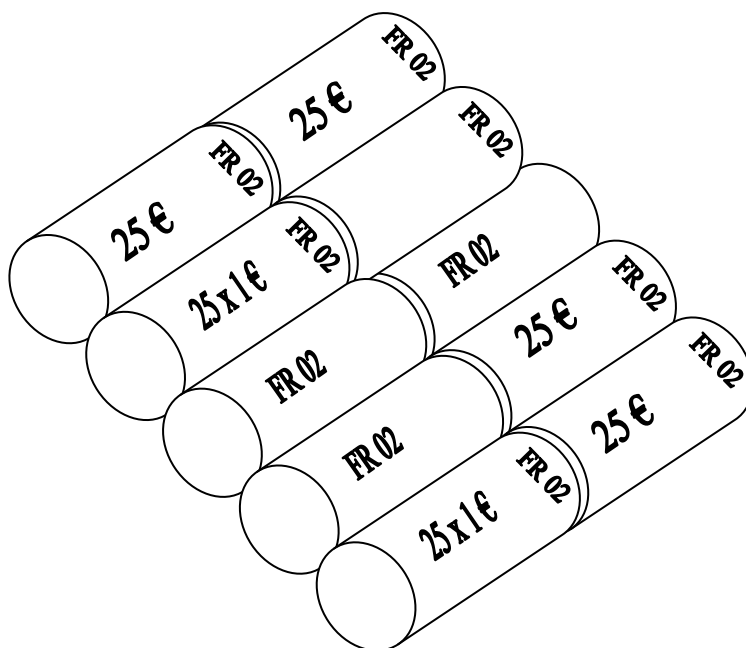
- The value of the coin roll,
- i.e. the number of coins multiplied by their face value,
- The manufacturer’s identification code.

The manufacturer’s (roll-maker’s) identification code should preferably be repeated on one of the lateral sides of the roll and should be followed by a space and then the date the roll was made. The contents of the rolls must correspond to the indications printed on the roll paper.



3. PACKS OF 10 ROLLS

A pack is made by putting 10 same-denomination coin rolls into transparent plastic shrink-wrap sachets or film. These packs may contain rolls prepared by different roll-makers. No adhesive labels indicating the name of the roll-maker(s) should be affixed to these plastic packs. The rolls of metal coins must be packed in two rows of 5 rolls, as shown in the diagram below.



The shrink wrap film or sachet must comply with the technical specifications (see French version of the standards)

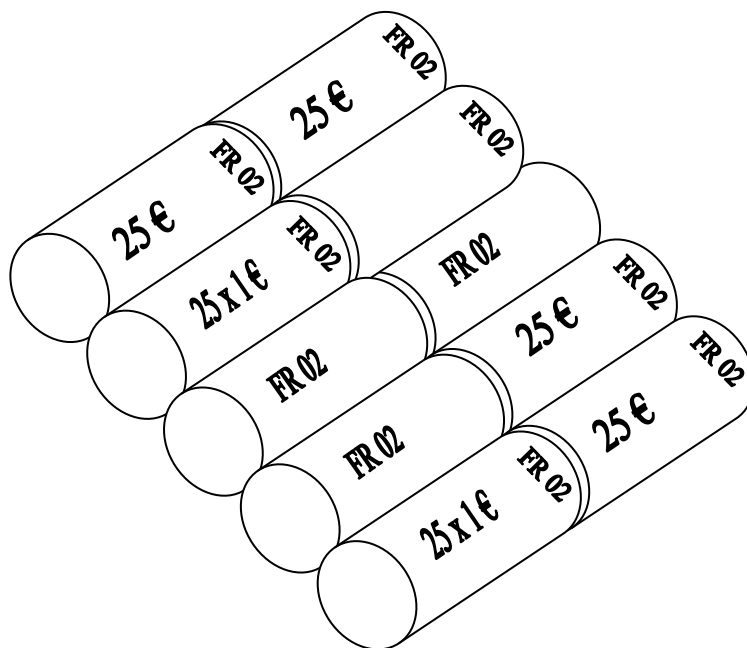
- Value and dimensions of the pack:

Nominal value	Pack		Dimensions of the packs*		
	Amount in €	Number of rolls	Length (in mm)	Width (in mm)	Height (in mm)
€0.01	5	10	183	84	17
€0.02	10	10	183	97	20
€0.05	25	10	183	109	22
€0.10	40	10	170	102	21
€0.20	80	10	186	114	23
€0.50	200	10	206	124	25
€1	250	10	130	119	24
€2	500	10	123	132	27

* Different roll-makers may use packs of slightly different dimensions

4. VACUUM PACKED SACHETS

Coin rolls may be packaged in transparent plastic vacuum sachets. These vacuum packed sachets must contain 10 rolls of same-value coins. These sachets may contain rolls prepared by different roll-makers. No adhesive labels indicating the name of the roll-maker(s) should be affixed to these sachets. The rolls of coins must be packed in two rows of 5 rolls, as shown in the diagram below.



4.1. Technical specifications

The plastic of the vacuum sachet must comply with the technical specifications (see French version of the standards)

- Value and dimensions:

Face value	Sachet		Dimensions of the sachets*	
	Amount in €	Number of rolls	Length (in mm)	Width (in mm)
€0.01	5	10	250	110
€0.02	10	10	240	130
€0.05	25	10	260	150
€0.10	40	10	240	130
€0.20	80	10	260	150
€0.50	200	10	280	170
€1	250	10	220	170
€2	500	10	220	170

* Different roll-makers may use sachets of slightly different dimensions

5. BOXES OF ROLLS

The coin rolls – as presented in paragraph 1 “Rolls” of Annex 2 of this document – may be packaged in cardboard boxes.

N.B. the Paris Mint uses cardboard box packaging for rolls of new coins.

5.1. Technical specifications for the cardboard

The box must be made of a neutral cardboard, i.e. a without any manufacturer’s or remitter’s brand markings or commercial insignia.

The cardboard used to make the boxes must comply with the specified technical requirements (see French version of the standards)

The boxes must have a system whereby all violation attempts leave a trace.

5.2. Value and dimension of the boxes

The boxes must contain rolls of coins with the same face value and the number of rolls depends on the face value of the coin packaged, as indicated in the table below.

These boxes may contain rolls prepared by different roll-makers.

Face value	Boxes			Dimensions of the boxes*		
	Amount (in €)	Number of coins	Number of rolls	Length (in mm)	Width (in mm)	Height (in mm)
€0.01	20	2000	40	183	88	69,5
€0.02	30	1500	30	183	100	60
€0.05	50	1000	20	183	113	45,5
€0.10	120	1200	30	169.5	105.5	63
€0.20	160	800	20	186.5	118	47.5
€0.50	400	800	20	208	128	51.5
€1	750	750	30	130	123	73.5
€2	1000	500	20	126	135,5	54.5

* Different roll-makers may use boxes of slightly different dimensions

5.3. What should be printed on the boxes

The only three elements that must be printed on the rolls are:

- The value of the box contents,
- The number of rolls per box and the coin (face value) packed,
- The identification code of the entity that packed the box.

The contents of the box must correspond to the indications printed on the box.

6. COIN BAGS

The packs, vacuum-sachets and boxes are placed inside coin-bags made of braided polypropylene or any other material with similar rip-resistant properties. These coin-bags should be approximately 30 cm wide and 50 cm long. Each coin-bag must have two colour-coded labels corresponding to the face value of the coins it carries.

The first label must provide five indications:

- the identification code of the entity that packed the coin-bag.
- the face-value of the coins contained;
- the number of coins contained;
- the face value of the contents;
- The date the coin-bag was packed.

The second label must indicate two pieces of information:

- the name of the remitter entity holding an account at the Banque de France;
- the date of lodgement to the Banque de France.

Composition and properties of a coin-bag:

Face value	Number of				Value (in euro)	Colour*	Weight (in kg) **
	coins	rolls	packs/vacuum-sachets	boxes			
€0.01	6 000	120	12	3	60	White	13.80
€0.02	4 500	90	9	3	90	Grey 421	13.77
€0.05	3 000	60	6	3	150	Red 192	11.76
€0.10	3 600	90	9	3	360	Blue 298	14.76
€0.20	2 400	60	6	3	480	Orange 143	13.78
€0.50	2 400	60	6	3	1 200	Green 367	18.72
€1	2 250	90	9	3	2 250	Yellow 114	16.88
€2	1 500	60	6	3	3 000	Violet 514	12.75

* hues corresponding to the Pantone colour chart system

** theoretical weight

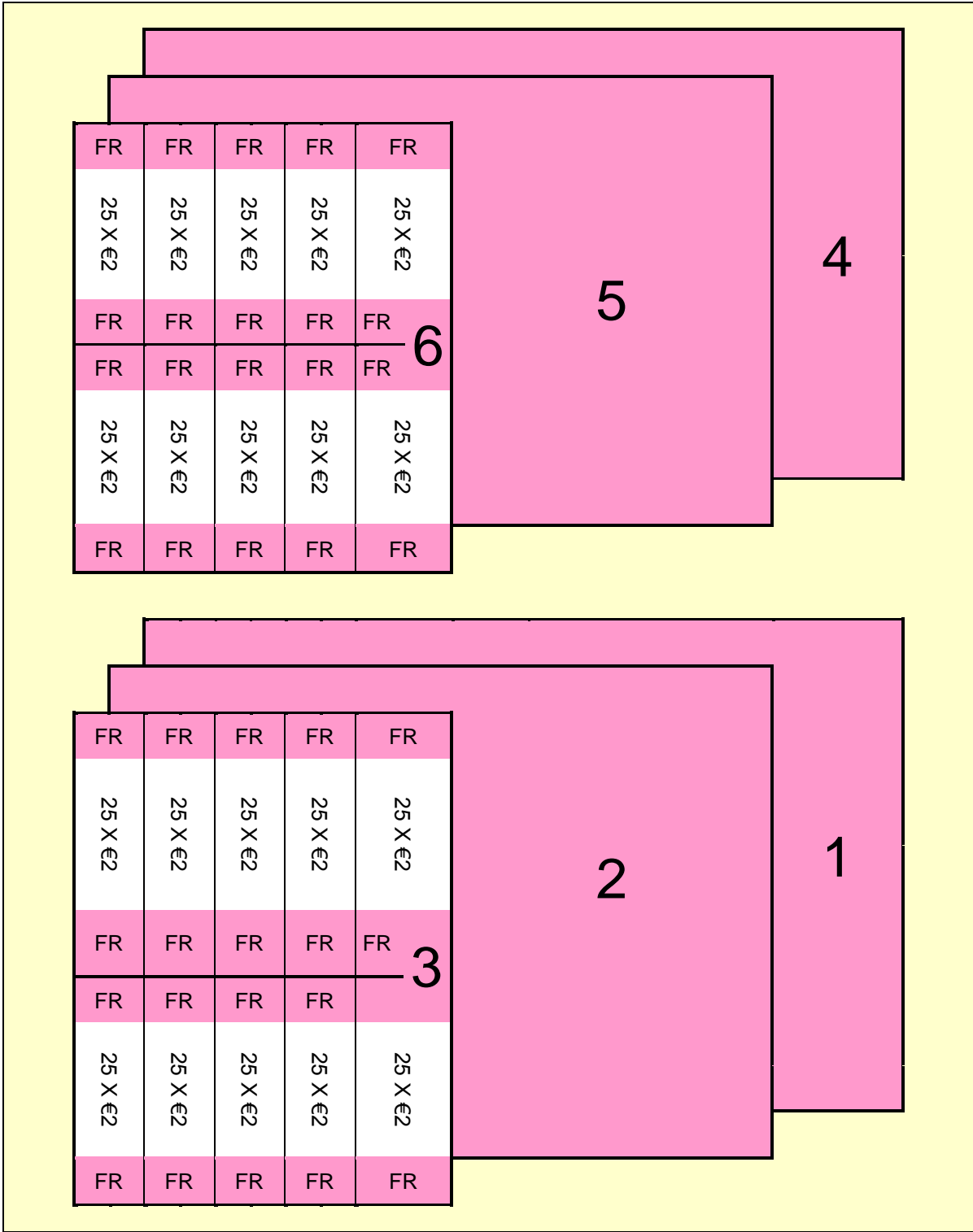
The coin-bags must be closed with a seal that prevents them from being opened. The seal must indicate the identification code of the entity that prepared the coin-bag.

The packs must be placed vertically in the coin-bags as specified in the following diagrams in order to facilitate their subsequent stacking and storage.

PACKAGING OF €2 COINS

€3,000
1,500 COINS

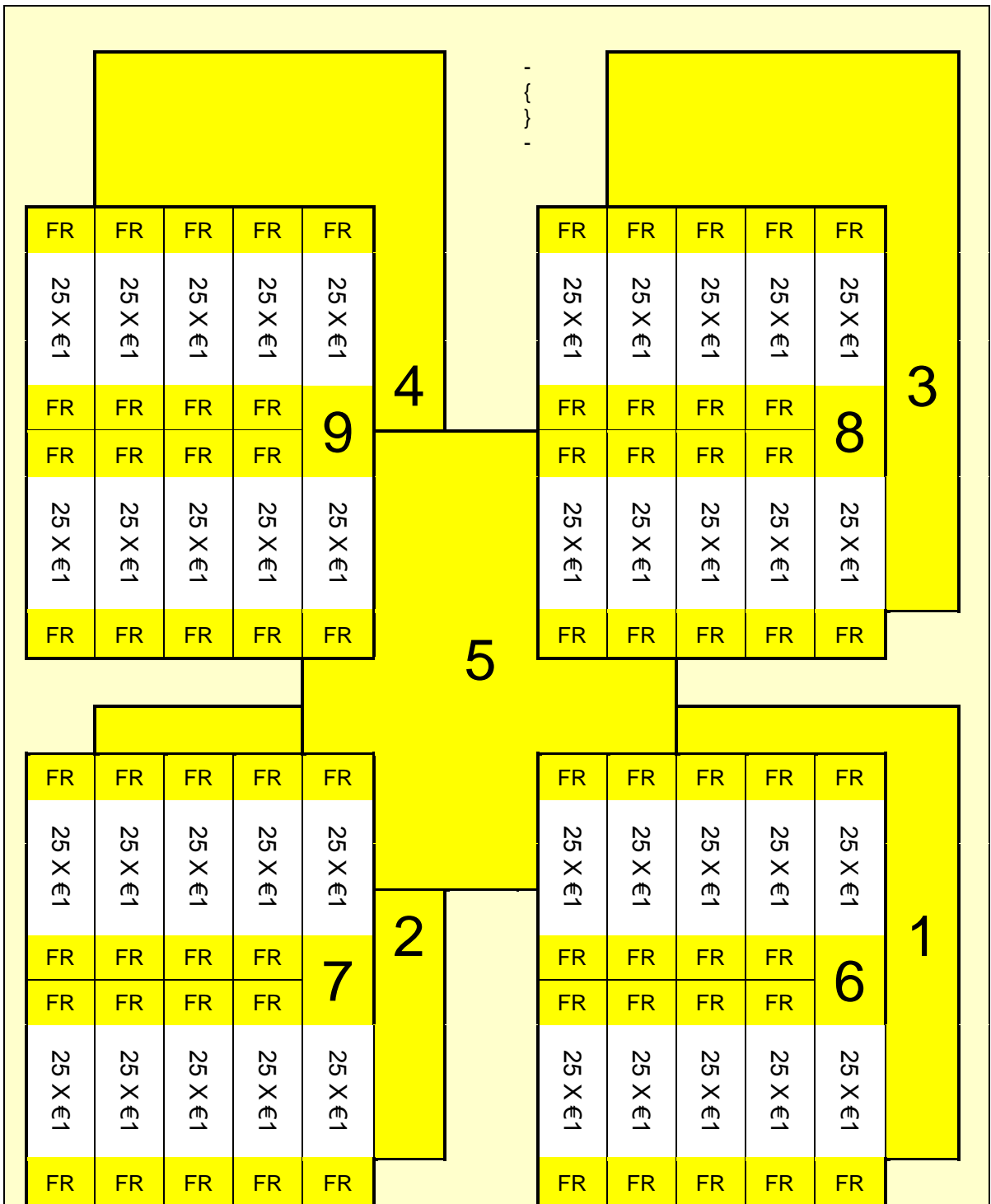
25 COINS PER ROLL
10 ROLLS PER PACK
6 PACKS PER COIN-BAG



PACKAGING OF €1 COINS

€2,250
2,250 COINS

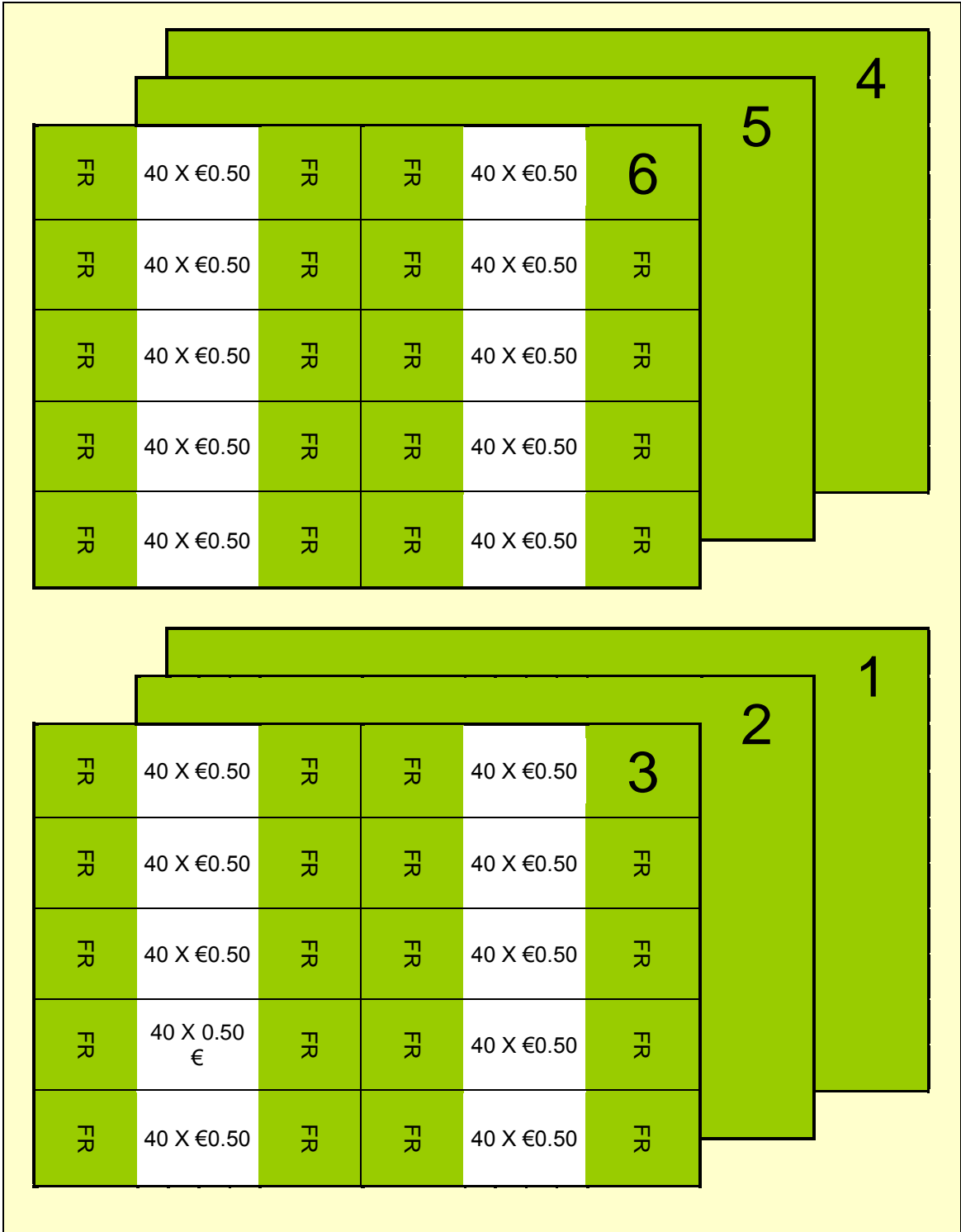
25 COINS PER ROLL
10 ROLLS PER PACK
9 PACKS PER COIN-BAG



PACKAGING OF €0.50 COINS

€1,200
2,400 COINS

40 COINS PER ROLL
10 ROLLS PER PACK
6 PACKS PER COIN-BAG



PACKAGING OF €0.20 COINS

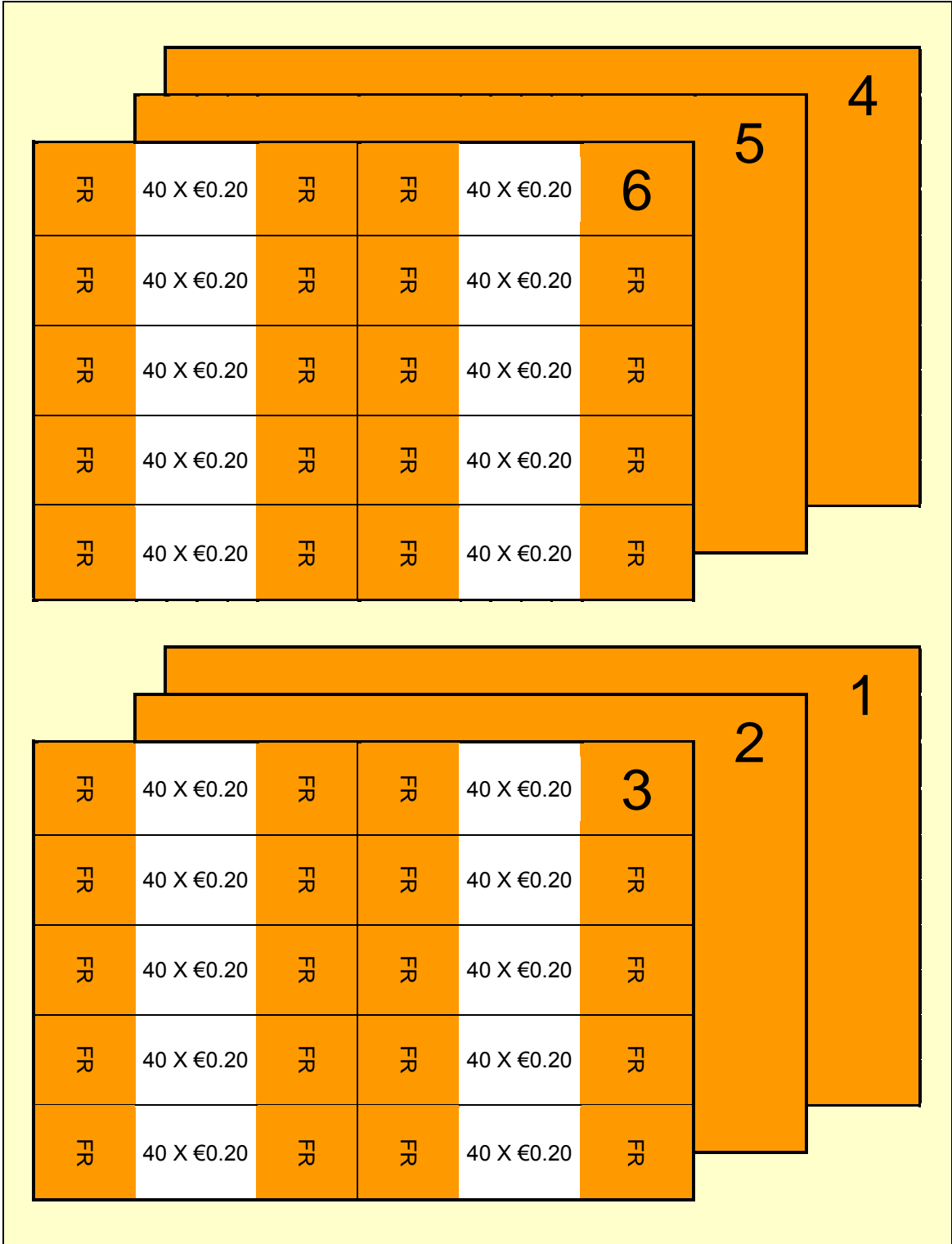
480 €

2,400 COINS

40 COINS PER ROLL

10 ROLLS PER PACK

6 PACKS PER COIN-BAG



PACKAGING OF €0.10 COINS

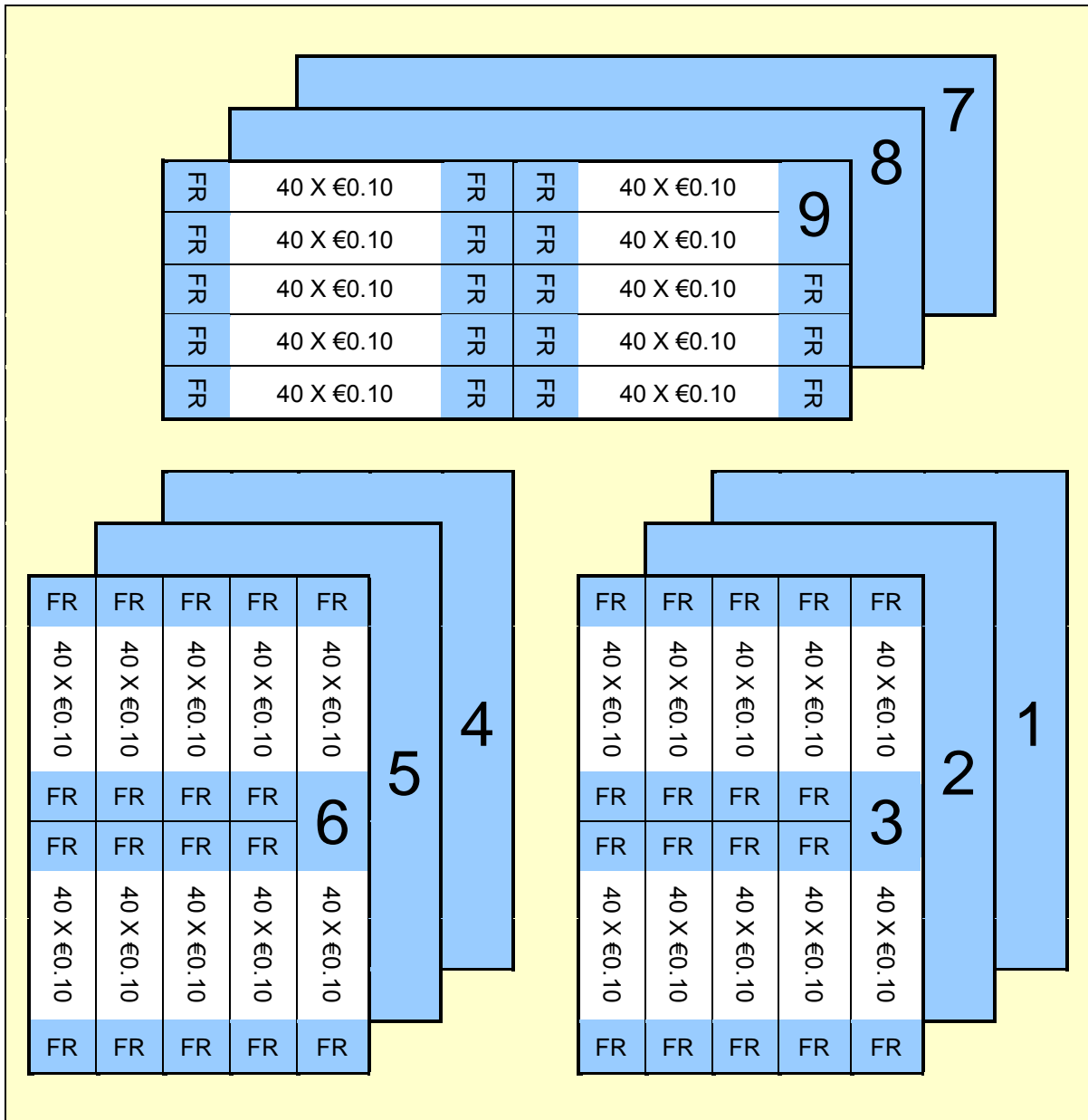
€360

3,600 COINS

40 COINS PER ROLL

10 ROLLS PER PACK

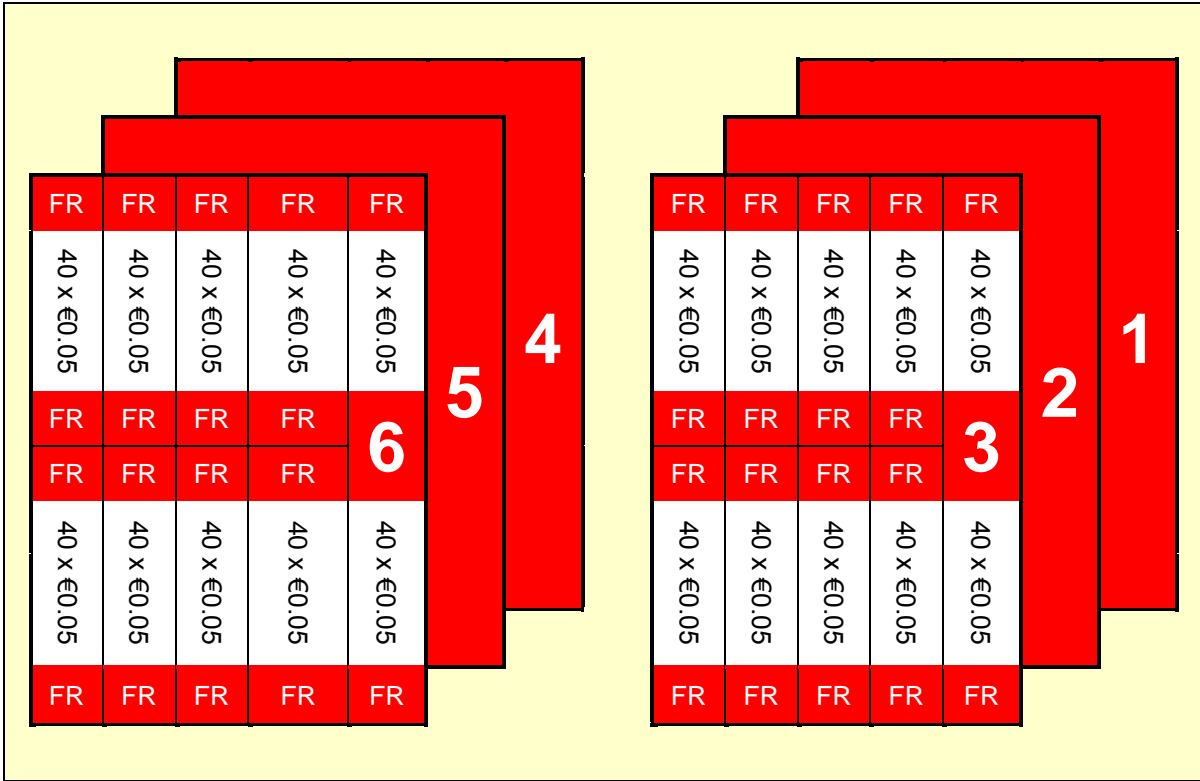
9 PACKS PER COIN-BAG



PACKAGING OF €0.05 COINS

150 €
3,000 COINS

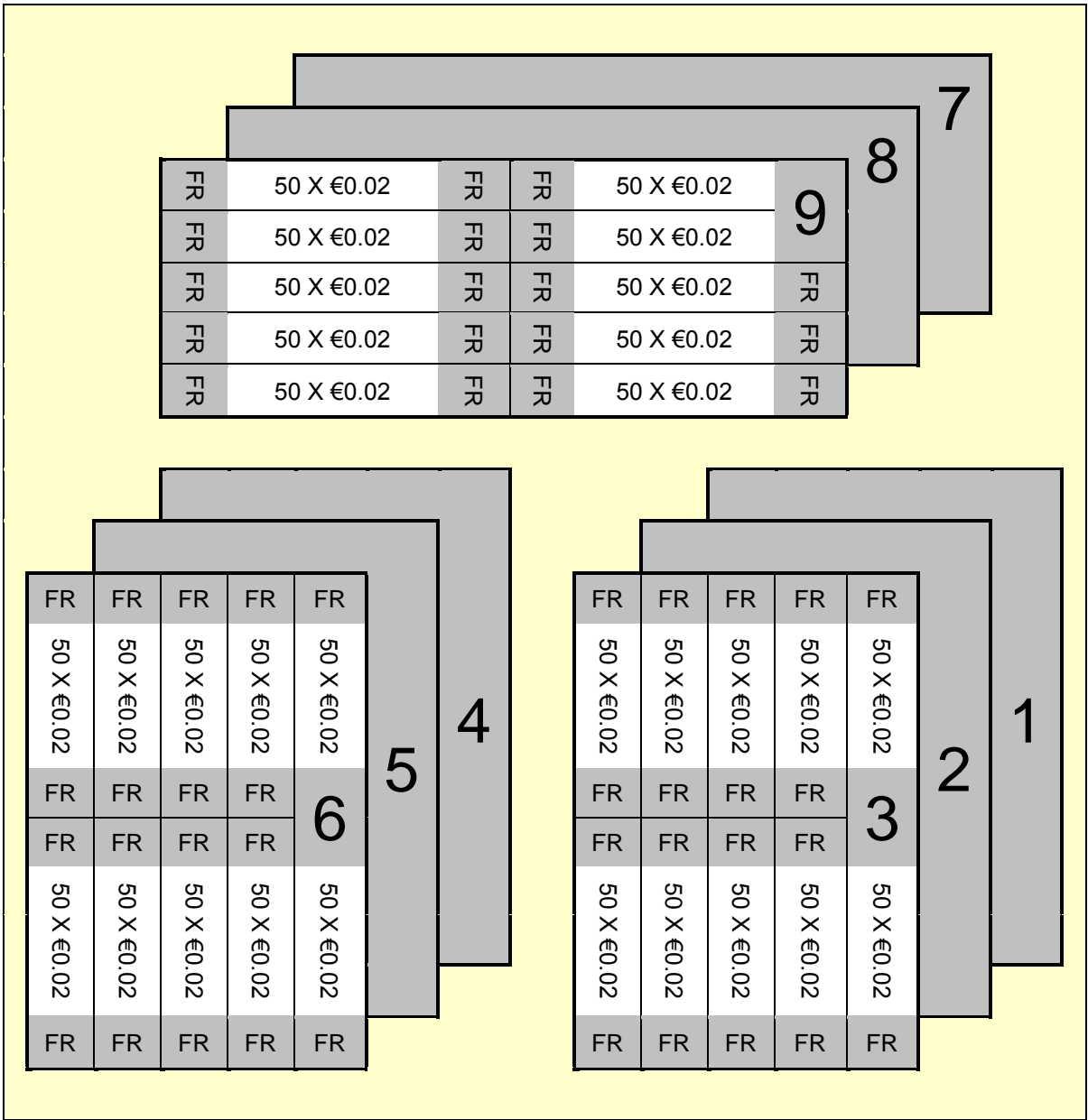
50 COINS PER ROLL
10 ROLLS PER PACK
6 PACKS PER COIN-BAG



PACKAGING OF €0.02 COINS

€90
4,500 COINS

50 COINS PER ROLL
10 ROLLS PER PACK
9 PACKS PER COIN-BAG



PACKAGING OF €0.01 COINS

€60
6,000 COINS

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50 COINS PER ROLL
10 ROLLS PER PACK
12 PACKS PER COIN-BAG

