



BAG'INNOV

BAG NO BOX SOLUTIONS



BAG'INNOV SAS
Z.I. PLAISANCE
7, RUE DE L'ARTISANAT
11100 NARBONNE – France
Tél : +33 (0)4.68.33.11.23
www.baginnov.com
contact@baginnov.com



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Echantillon

Z.I. Plaisance 7 Rue de l'Artisanat
11110 NARBONNE
contact@baginnov.com
Tél : 04 68 33 11 23



www.baginnov.com

RECYCLABLE





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Summary

- **Products**

- Bag'Innov 1,5L
- Bag'Innov 3L
- Bag'Innov 5L
- Taps and connectors
- Spouts

- **Services**

- Full pouch customisation
- Semi-customisation with labels
- Grouping boxes
- Packaging tools - « Easy Push »

- **Delivery times/prices and recycling information**

- Delivery times and prices
- Recycling information

- **Contact**



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Products: Our Bag'Innov Generics pouches

Classic range
(PET/ALU/NY/PE)

Recyclable range
(PE/EVOH)



- **Black and Colors** : 1.5L, 3L, 5L
- **Green** : 1.5L
- **Black Matte** : 3L



- **White** : 1.5L, 3L
- **Apple** : 1.5L, 3L



Bag'Innov 1,5L size

| | Classic and Recyclable range | |
|---|---|--|
| Generics pouchs, semi or full customized | <u>Classic range:</u> - Black and Colors - Green | <u>Recyclable range:</u> - White - Apple |
| Minimum customization quantity | <u>Semi-customised:</u> - 1 000 units <u>Full customisation:</u> - 16 000 units (+/- 20%) | |
| Taps and connectors | - Taps (Conro V-pull / Liquibox Secure) - Valves QCV, Screw Cap... * All types of taps can be adapted (contact us) | |
| Spouts | - Standard or Compact | |
| Colors | - Different choice of colors depending taps or spouts selected (contact us) | |
| Composition | <u>Classic range:</u> - PET/ALU/NY/PE | <u>Recyclable range:</u> - PE/EVOH |
| Number of bags/boxs | - 336 units (Standard or Compact spout) | |
| Number of boxs/pallets | - 14 boxes | |
| Number of bags/pallets | - 4 704 units/pallets (Standard or Compact spout) | |



Bag'Innov 3L size

| | Classic and Recyclable range | |
|---|---|--|
| Generics pouchs, semi or full customized | <u>Classic range:</u> - Black and Colors - Black Matte | <u>Recyclable range:</u> - White - Apple |
| Minimum customization quantity | <u>Semi-customised:</u> - 1 000 units <u>Full customisation:</u> - 16 000 units (+/- 20%) | |
| Taps and connectors | - Taps (Conro V-pull / Liquibox Secure) - Valves QCV, Screw Cap... * All types of taps can be adapted (contact us) | |
| Spouts | - Standard or Compact | - Standard or Compact |
| Colors | - Different choice of colors depending taps or spouts selected (contact us) | |
| Composition | <u>Classic range:</u> - PET/ALU/NY/PE | <u>Recyclable range:</u> - PE/EVOH |
| Number of bags/boxs | - 280 units (Compact spout) - 240 units (Standard spout) | |
| Number of boxs/pallets | - 14 boxes | |
| Number of bags/pallets | - 3 920 units/pallets (Compact spout) - 3 360 units/pallets (Standard spout) | |



Bag'innov 5L size

| | Classic range |
|---|---|
| Generics pouchs, semi or full customized | - Black and Colors |
| Minimum customization quantity | <u>Semi-customised:</u> - 1 000 units <u>Full customisation:</u> - 16 000 units (+/- 20%) |
| Taps and connectors | - Taps (Conro V-pull / Liquibox Secure) - Valves QCV, Screw Cap... * All types of taps can be adapted (contact us) |
| Spouts | - Standard or Compact |
| Colors | - Different choice of colors depending taps or spouts selected (contact us) |
| Composition | - PET/ALU/NY/PE |
| Number of bags/boxs | - 160 units (Standard spout) |
| Number of boxs/pallets | - 14 boxes |
| Number of bags/pallets | - 2 240 units/pallets (Standard spout) |



Taps and connectors

| | The Conro tap « V-pull » | | The Liquibox tap « Secure » | | The Conro tap « Unique » | | The Espirale valve « QCV » | The Maierhöfer « Screw Cap » |
|-------------------|---|--|----------------------------------|---------------------------------|---|--|----------------------------------|---|
| Ranges | STANDARD range With or without ALU cover | COMPACT range With or without ALU cover | STANDARD range With ALU cover | COMPACT range With ALU cover | STANDARD range With or without ALU cover | COMPACT range With or without ALU cover | STANDARD range With ALU cover | STANDARD range With or without ALU cover |
| Dimensions | | | | | | | | |
| Visual | | | | | | | | |
| Colors | - Natural/Natural - Naturel/Dark Green | - Natural/Red - Natural/Light Green - Natural/Dark Green | - Natural/Red | - Natural/Red | - Natural/Red | - Natural/Red | - Natural/Natural | - Blue |



Spouts

| | Spouts | Dimensions |
|------------------------|---|---------------------|
| Standard spout |  | - Height : 18,8 mm |
| Compact spout |  | - Height : 9,9 mm |
| QCV spout |  | - Height : 20,70 mm |
| Screw Cap spout |  | - Height : 20,70 mm |



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Services

- Full pouch customisation
- Semi-customisation pouch
- Grouping boxes
- Packaging tools « Easy Push »





Full pouch customisation

| | Classic range | Recyclable range |
|-----------------|---|---|
| Minimum | 16 000 units (+/- 20%) | |
| Printing | Rotogravure | Flexo HD |
| Delay | 8 to 9 weeks | |
| Colors | 7 colors to choose from Gloss or matte varnish (full or selective) | 7 colors to choose from Matte varnish (soft touch) |



Semi-customisation pouch

| | Classic and Recyclable range |
|----------------------------------|---|
| Minimum | - 1 000 units |
| Printing and installation | - Flexo HD on no-removable adhesive labels in polypropylène - Printed and applied by us |
| Labels | - Clear or white - Dimensions: 125x150mm (LxH) - Applied front and/or back of the pouch |
| Graphic designer | - Fixed price for decoration (first order only) |
| Delay | - 3 weeks (from signature of press release) |
| Price | - Fixed price for decoration (70€ excl. VAT) - Applied price (contact us) |



Grouping boxes

| | Specifications |
|---------------------------|---|
| Capacity | - 4 pouchs x 3L |
| Position | <ul style="list-style-type: none">- The bags must be packed upright in the grouping box, with the cap facing downwards.- The grouping boxes must be sized so that the bag does not carry any weight. |
| Quantity | - Packs of 20 boxes |
| Dimensions (Lxlxh) | - 3L: 295x265x250mm |





Packaging tools « Easy Push »

Easily fill your pockets by hands:

- Stable tool positioning
- Closing with a guillotine system
- Perfect for occasional filling (sève de bouleau, vinaigre...)
- Ideal for laboratory testing or small sampling

* Video explanation available (contact us)





Delivery times and prices

| | |
|----------------------------------|---|
| Generics Bag'Innov pouchs | 1 to 3 weeks (while stocks last) |
| Semi-customized pouchs | 3 weeks (from date of signature of ready to print) |
| Full customization pouchs | 8 to 9 weeks (from the date of signature of the CROMALIN) |
| Prices | Prices vary according to quantity (contact us) |
| Minimum order | 1 box (generic pouchs without personalisation) |



Recycling information

COTREP THE GUIDELINES
Last update: January, 23rd 2023^{***}

Films and flexibles PE flexible
*** The COTREP regularly updates its recommendations. Please refer to the latest online version.

| | MATERIAL | COLOUR | BARRIER | ADDITIVE AND DENSITY |
|-------------------|---|---|---|--|
| 1. BODY | <input checked="" type="checkbox"/> LDPE | • Colourless and all colours | | |
| | <input checked="" type="checkbox"/> Other PE <input checked="" type="checkbox"/> Oriented PE | | <input checked="" type="checkbox"/> EVOH with barrier ^{**} <input checked="" type="checkbox"/> Black carbon in internal layer (stabilization in internal layer) | <input checked="" type="checkbox"/> Expanded/foamed PE d-1 (gas, blowing agents) |
| | <input checked="" type="checkbox"/> PE associated to EVA | | • Coating SiO ₂ , SiO _x • Water based coating PVOH type ^{**} | |
| | <input checked="" type="checkbox"/> PE associated with other resin (PE/PET, PE/PP, etc.) <input checked="" type="checkbox"/> PE associated with a non plastic material (wood, ceramic, etc.) <input checked="" type="checkbox"/> Thermoset plastics <input checked="" type="checkbox"/> Other resins : PP, PET, PLA, PBAT, PBST, starch based, etc. <input checked="" type="checkbox"/> EVA under study. | • Not detectable black colorant in external layer | • PA* • Aluminium laminate • Other barriers and resins (multilayers, blends) | • PE with additive loads that result in d-1 • PE with additive loads and expanded/foamed d-1 • Bio / bio / photodegradable additives, nanocomposites |
| 2. CLOSING SYSTEM | CAPS AND OTHER | | | |
| | <input checked="" type="checkbox"/> PE <input checked="" type="checkbox"/> Plastic d-1 (except PP*) | | | |
| | <input checked="" type="checkbox"/> Paper <input checked="" type="checkbox"/> Textile <input checked="" type="checkbox"/> PP, DPP* <input checked="" type="checkbox"/> Metal <input checked="" type="checkbox"/> Other plastics d-1 <input checked="" type="checkbox"/> Thermoset plastics <input checked="" type="checkbox"/> Not detectable/sorting black colour element d-1 (except PE) <input checked="" type="checkbox"/> PVC | | | |

2. CLOSING SYSTEM

1. BODY

3. DESIGN

4. OTHER ELEMENTS

Caution must be taken using COTREP guidelines:
Flexible packaging includes nets, films and household bags.
COTREP follows EVOH rate in PE flexible packaging and may revise those guidelines if these rates become too high in the global PE flexible stream.
COTREP recommendations are based on feedback from recyclers who receive bales of household packaging from selective collection and therefore only concern household packaging.

Full compatibility - ideal

Tolerated compatibility

Limited compatibility - conditional

Not compatible and/or disruptive

** Recommendations from tests. Recommendations without annotation based on common sense and expert opinion.

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| | DIRECT PRINTING ON PACK | LABEL ON FILM | ADHESIVE | INK |
|-------------------|--|---|--|---|
| 3. DESIGN | <input checked="" type="checkbox"/> Without printing <input checked="" type="checkbox"/> Laser marked <input checked="" type="checkbox"/> Production or expiry date mark | | <input checked="" type="checkbox"/> Water releasable at room temperature and without residue on pack | <input checked="" type="checkbox"/> Without printing <input checked="" type="checkbox"/> Not washable at room temperature (ex. ink between 2 material layers or on the surface below a varnish layer) (EuPA good practice) |
| | <input checked="" type="checkbox"/> Direct printing – not washable ink at room temperature (EuPA Good practice) | <input checked="" type="checkbox"/> Paper with a water releasable adhesive <input checked="" type="checkbox"/> PE with a not water releasable adhesive <input checked="" type="checkbox"/> Plastic d-1 with a water releasable adhesive (ex. PEI, PETD, PS) | | |
| | <input checked="" type="checkbox"/> Paper with a not water releasable adhesive <input checked="" type="checkbox"/> PP, OPP | | | |
| | <input checked="" type="checkbox"/> Direct printing – washable ink at room temperature <input checked="" type="checkbox"/> Metallic ink | <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> Other plastics d-1 <input checked="" type="checkbox"/> Other plastics d-1 with a not water releasable adhesive <input checked="" type="checkbox"/> Multilayer with an alu layer (ex. PE/alu) | <input checked="" type="checkbox"/> Not water releasable at room temperature | <input checked="" type="checkbox"/> Washable at room temperature (ex. surface printing) <input checked="" type="checkbox"/> Metallic ink |
| | | <input checked="" type="checkbox"/> Limit the amount of used adhesive | | |
| 4. OTHER ELEMENTS | OTHER ELEMENTS | | | |
| | <input checked="" type="checkbox"/> PE handle <input checked="" type="checkbox"/> PE valve <input checked="" type="checkbox"/> PP, OPP handle <input checked="" type="checkbox"/> PP valve <input checked="" type="checkbox"/> Reinforcement for handle in paper <input checked="" type="checkbox"/> Thermoset PE handle <input checked="" type="checkbox"/> Reinforcement for handle in PE d-1 <input checked="" type="checkbox"/> PVC | | | |

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1. PE associated with other resin (PE/PET, PE/PP, etc.)
PE associated with a non plastic material (wood, ceramic, etc.)
Thermoset plastics
Other resins : PP, PET, PLA, PBAT, PBST, starch based, etc.

• By comparison, the pouches with a PET outer film are in the **red case = NOT RECYCLABLE**
Our pouch is therefore recognised « **green** » = **RECYCLABLE** in France et en Belgium

Contact



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contact@baginnov.com



www.baginnov.com

RCS NARBONNE 510 202 757 – NAF 2222Z – SIRET 510202757 – TVA FR 81 510 202 757 EORI FR 51020275700017