BAG IN BOX

Made In Japan

Baron S / Baron S-α alpha

KOIZUMISEIMA Since1890

Best balance!

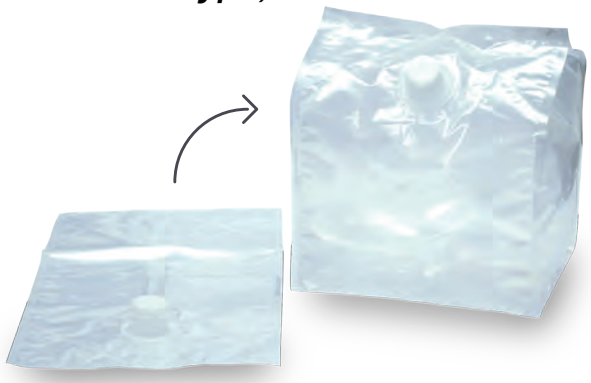
Side gusset BIB

Baron S

(Polyethylene + nylon type)

Baron S-α alpha

(Gas barrier type)



effect

1. Saving space when not in use. Reducing waste.
2. Almost zero residual liquid after squeezing.
3. Improving production efficiency.

used for

FOOD

- SAUCE ・VINEGAR ・GRAVY ・SAKE ・WINE
- SPIRITS ・COOKING OIL ・FOOD ADITIVE
- LACTIC ACID ・SEASONING ・SPICE ・SOUP
- DRESSING ・LIQUID SUGAR

CHEMICAL

- DETERGENT ・ADHESIVE ・SHAMPOO
- WATER BASED PAINT ・LIQUID FERTILEZER
- UREA ・ANTI-FREEZE AGENT

Gusset type Bag In Box.
Flat before use, cubic shape when filled.

Accessories

Tap	Tap (black cap)	Jumbo Tap (for high viscosity liquid)	Maxi tap (drip prevention type for higy viscosity liquid)	Screw Nozzle (cap type)	One-touch Nozzle (plug-in type)	Dispensing Pump	Spout Holder
Φ9mm	Φ9mm	Φ19mm	Φ18mm	Φ17mm	Φ17mm	30cc	

01 Distribution and stock

Smaller packing box reduces space, time and cost

Loading capacity of 1 pallet

※Pallet size 1,600mm×1,500mm

loading capacity increase 225%!

REDUCE

- Storage space
- Distribution time
- Ordering / receiving frequency
- Labor costs

INCREASE!

- User-friendly handling

02 Filling

Improving production efficiency in varoius ways

Fast and easy bag swelling

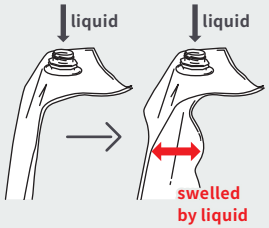
Bag can be swelled fast and easy by liquid's weight when filling.

No rust, no dent

Baron S never rust or dent like metal containers and reduces production loss.

Improve production efficiency by suppressing foaming

Since Baron S is swelled by liquid's weight, less air intake decreases the foaming. Production efficiency can be improved by reducing countermeasures against foam.

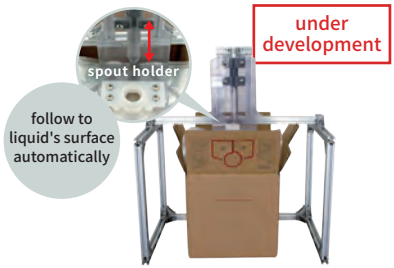


Machine filling

Only the spout holder needs to be changed to fix the appropriate position.

Manual filling stand

Filling is possible with no special tools, but more convenient with a filling stand.



03 Use

The key to choosing a container: expiration date x cost performance

Gas barrier LOW — HIGH

Baron C	Baron S	Baron C-α	Baron S-α
PE	PE+NY	EVOH＋PE	EVOH＋PE＋NY
<	≪	≒	
435.0	57.1	3.3	3.2

Oxygen transmission rate (cm³/m²·24h·atm)

*Tested: High polymer test and evaluation center

One of the causes of deterioration is "oxidation". We compared barrier performances by oxygen permeability, which indicates how much oxygen can pass through the container.

Cost LOW — HIGH

Baron C	Baron S	Baron S-α	Baron C-α
PE	PE+NY	EVOH＋PE＋NY	EVOH＋PE
≒	≪	<	

Baron S / Baron S-α Best solution with barrier and cost!

VM-PET type available:higher barrier performance than Baron S-α

※Made-to-order

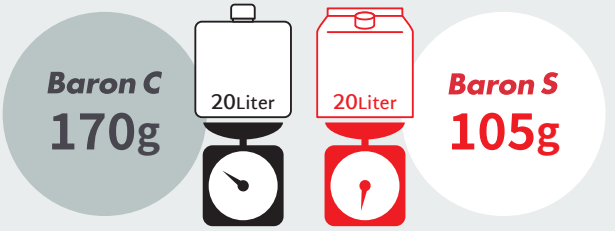
Baron S-α VM-PET+PE+NY

Almost zero residual after squeezing

Since Baron S has no wrinkles due to it's three dimensional shape, there is almost no residual liquid when discharged. In addition, it is also possible to squeeze out the last drop.

04 Disposal

Reduce plastic resources



Baron S uses about 6.5kg less plastic resources than Baron C per one packaging box (100pcs).

Compact again after use

The difference in the amount of waste is obvious even when compared to Baron C, which is also an eco-friendly container.

Cardboard box is an eco-friendly and sustainable packaging products

Baron series are easy to separate from outer cardboard box. Cardboard box market has already been established a recycling system and achieved a recycling rate of 95% in Japan.

What is an eco-friendly container ?

There are many types of liquid containers in the world, but what kind of containers are eco-friendly?
We compared the amount of carbon dioxide emitted to distribute empty containers to customers.

Distribution volume and CO_2 emissions in a year

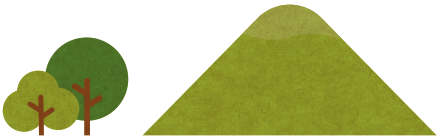
Assumed conditions

- Customer: 126,000liter/month use (20liter×6,300bags)
- Delivery Distance: 413㎞

Bag type	Number of trucks	Number of pallets	CO_2 emissions (kg)
Baron S	2	20	480
Baron C	5	40	1070

Reduce approx 55%

How many trees are needed to absorb CO_2 emitted in a year?

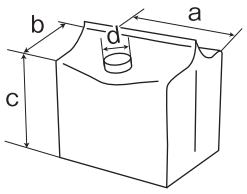


Container Type	Trees	
Baron S	660	
Baron C	1,450	
Plsatic Jug (20 liter)	3,600	
Steel Can (18 liter)	7,300	
Pouch (50ml)	3,800	

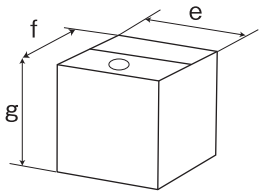
Specifications

	Configuration	Capacity (liter)	Bag outer dimensions a×b×c (㎜)	Inner diameter d(㎜)	Packing quantity (pcs)	Package box size (㎜)	Outer box size Dimentions e×f×g (㎜)
Baron S **Baron S-α**	Double layer Bag with gusset	20	320×300×H270	ϕ32	100	627×489×H358	299×299×H277
		18	320×300×H245				
		10	250×230×H234		150		239×239×H235
		5	200×180×H203				193×193×H197

Outer dimentions

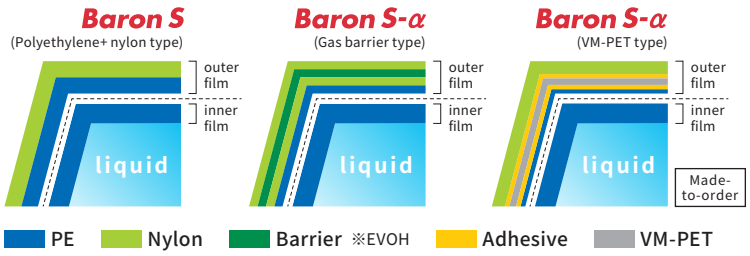


Baron S / Baron S-alpha



Outer box

Compositions



Attention!

- Be sure to test the actual fluid with the sample.
- Avoid direct sunlight, high temperature and high humidity.
- Do not use the product for purposes other than its intended use.
- Note that performance may vary depending on usage conditions.
- Follow the proper procedures for disposal.

*Please contact us if you have any questions about the use of th is product.
*The product specifications are to be changed without notice.

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