

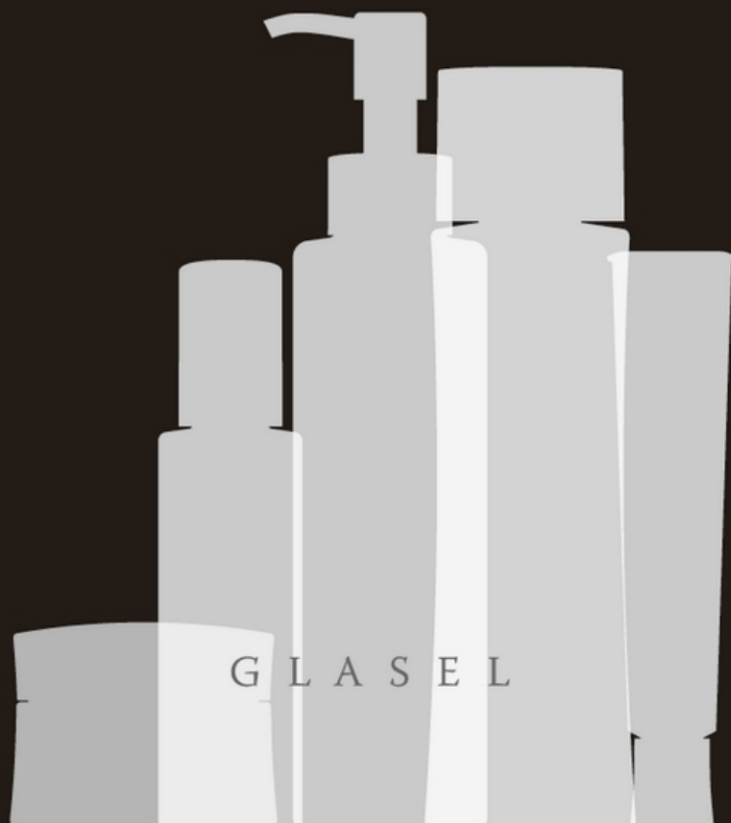


B O T T L E S C A T A L O G

STANDARD

Extra Issue

2019



G L A S E L

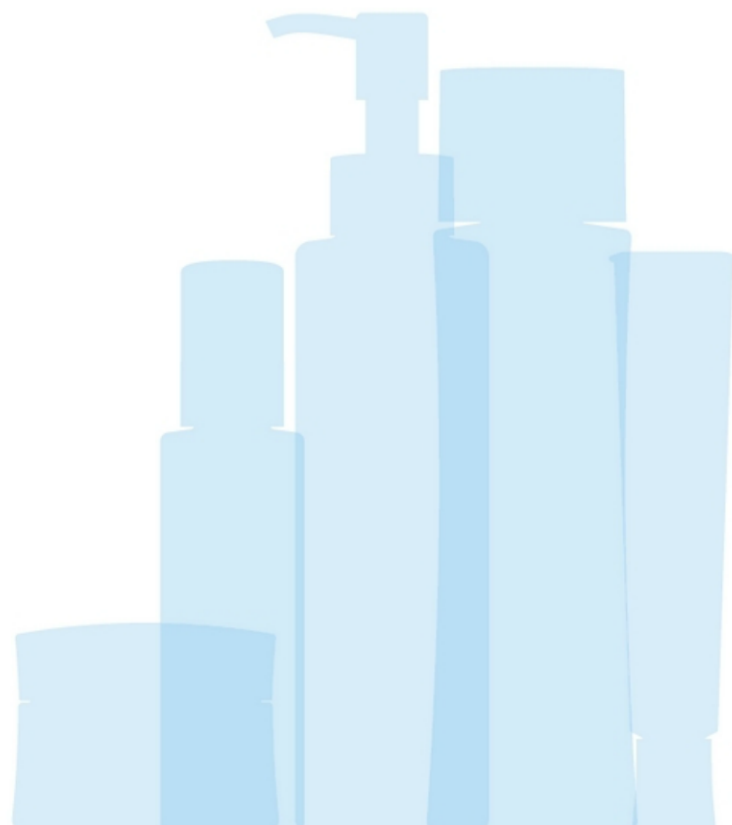
B O T T L E S C A T A L O G

STANDARD

Extra Issue

2019

for COSMETICS Skin care & Makeup



Before You Read the Catalog

- This catalog has two indexes: family/product name-based and common style-based.
- While the photos of new accessory products are collectively shown in the final part of this catalog, the photos of less versatile products are shown only on the pages about each product (left to the table). For other more accessories, see the Standard catalog 2017, Extra issue 2018.

[Material Indications]

/ = Two or more materials or accessories are available for selection

+ = Product made of two or more materials or multi-layer product

Type **LOTION/ATOMIZER/DROPPER**

Family Name/Product Name **IBE**

● White- or black-circled numbers and letters indicate corresponding page numbers of the common style-based index section and groups (from A to D) therein, respectively.

The catalog shows graduations as a guide to the capacity of each product.
(The graduation simply indicates approximate capacity.)

The catalog shows graduations as a guide to the height of each product.
(The graduation simply indicates approximate height.)

This serves as a rough guide to the bottom shape.
* If the shoulder shape differs from the bottom shape, an additional note states this.

The specifications are for the parts of the bottles in the above photo.

Example caps and accessories that match products are shown here. For other compatible caps, see the "Compatible caps / accessories" column in the table.

■ A bottle family that features a shape which transforms from a round cross section at the shoulder into a square at the bottom to give a stylish yet soothing impression

IBE-120H IBE-150H IBE-200H

IBE-50A IBE-80A IBE-100H

III The caps used on the IBE-100H/120H/150H/200H are the IBL Double(inner cap: white, outer cap: natural color).

Z-200-C093F	Z-650-1739	IBL Double (Inner cap: PP Outer cap: AS)	IBL Double (Inner cap: PP Outer cap: AS)	MWL-24L (Inner cap: PP Outer cap: AS)	WKAT-44.2CAP (Inner cap: PP Outer cap: AS)

18

[Plastic and Metal Names] * The formal name used with a recycling logo is SAN.

ABS = acrylonitrile butadiene styrene
 AS* = styrene acrylonitrile
 ASA = acrylonitrile styrene acrylate
 EV = ethylene vinyl alcohol
 IIR = butyl rubber (isobutylene isoprene rubber)
 NBR = synthetic rubber (acrylonitrile butadiene rubber)
 NR = natural rubber
 PA = polyamide (nylon)
 PBT = polybutylene terephthalate
 PC = polycarbonate
 PCT = polycyclohexylene dimethylene terephthalate
 PE = polyethylene
 PEN = polyethylene naphthalate

PET = polyethylene terephthalate
 PETVM = vacuum-metalized polyethylene terephthalate
 PK = polyketone
 PMMA = polymethylmethacrylate (acrylic)
 POM = polyoxymethylene
 PP = polypropylene
 PS = polystyrene
 PUR = polyurethane
 SB = styrene butadiene
 SI = silicone
 TPE = thermoplastic elastomer
 AL = aluminum
 SUS = stainless steel

Legend: Natural color (○), Paint (●), Screen printing (◐), Coloring (◑), Vacuum metalized (★)

1 IBE-50A ○ ● ● ● ● + G-2005P(Hole cap: ●/Rubber: ●) + PZ-M ○

2 IBE-80A ○ ● ● ● ● + Z-200-C160F ● + PZ-M ○

3 IBE-120H ● ● ● ● ● + IBL-120W Double (Inner cap: ●/Outer cap: ●)

4 IBE-150H ● ● ● ● ● + IBL-200 Double (Inner cap: ●/Outer cap: ●)

PLASTIC BOTTLE

IBL Double
 Vacuum metalized coating on the inner cap will add depth.

WKAT-44.2CAP
 The double diamond-like-cut cap makes the KAT family look more brilliant. Both the inner cap and outer cap are diamond-like cut. Vacuum metalized on the inner cap makes it further more brilliant.

◇ KAT Family
 • BTA-30K/BTA-50K/BTA-60K • WKAT-44.2CAP • CLK-C • KAT-24L
 • KAT-18 OVER CAP • KAT-20 OVER CAP • KAT-F7 OVER CAP • KAT-D22 TUBE CAP

Product name	Capacity/mL overflow capacity	Bottle size(mm)			forming method	Material	Compatible caps / accessories					
		H	W1	W2			Cap	Stopper	Dispenser			
IBE-50A	61	95.5	36.5φ	27.1□	Injection stretch blow molding	PET	PHR-20 flip top cap	AP flip top cap	G-2005P	Z-200-C104F ●	Z-200-C159F ●	
IBE-80A	91	114	40φ	29.5□			L24-150 ●	P24-80 ●	L24-150D ●	P24-80D ●	GPT20-20L ●	GTS-20L ●
IBE-100H	115	123	42φ	30.5□			MSB-340 Metal covering	GMS20-180	Z-500-C001	Z-500-C009	Z-500-C033	Z-500-C041
IBE-120H	137	132.5	44φ	31.8□			● TB-24-3φ	● TB-24-5φ	● TB-24-8φ	Z-500-C163	Z-650-1738	Z-650-1739
IBE-150H	168	144.5	46.5φ	33.5□			Z-155-C110	Z-305-C060	Z-505-C167	L28-500 ●	L28-1000 ●	P28-150 ●
IBE-200H	219	156.5	51φ	36.6□			TON ● Stopper	TON ● Stopper	DR-24-3.5φ ●			

● Circled numbers indicate corresponding page numbers of the "Caps/Accessories" section at the end of this catalog, which provides more detailed information.

① Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 ② The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
 ③ Please note that the specifications are subject to change.
 ④ For more details on caps and accessories, see the page marked * @ * next to each part name (see the end of this catalog. If not described, see Standard catalog 2017 Extra Issue 2018.)

⑤ Caps and accessories are shown for example purposes only. Some specific bottles or sizes may not be nicely coordinated with some caps and accessories, even though they fit together. Please check the actual articles, or contact us.

⑥ For notes on imported items, see page 5.

PLASTIC BOTTLE

Types

Shown here are actual decoration results achieved by suitable product decoration methods selected by GLASEL. Symbols that denote decoration methods follow product names.

Shown here is supplementary information to products and accessories.

For size information, see p.4.

Please read these notes without fail.

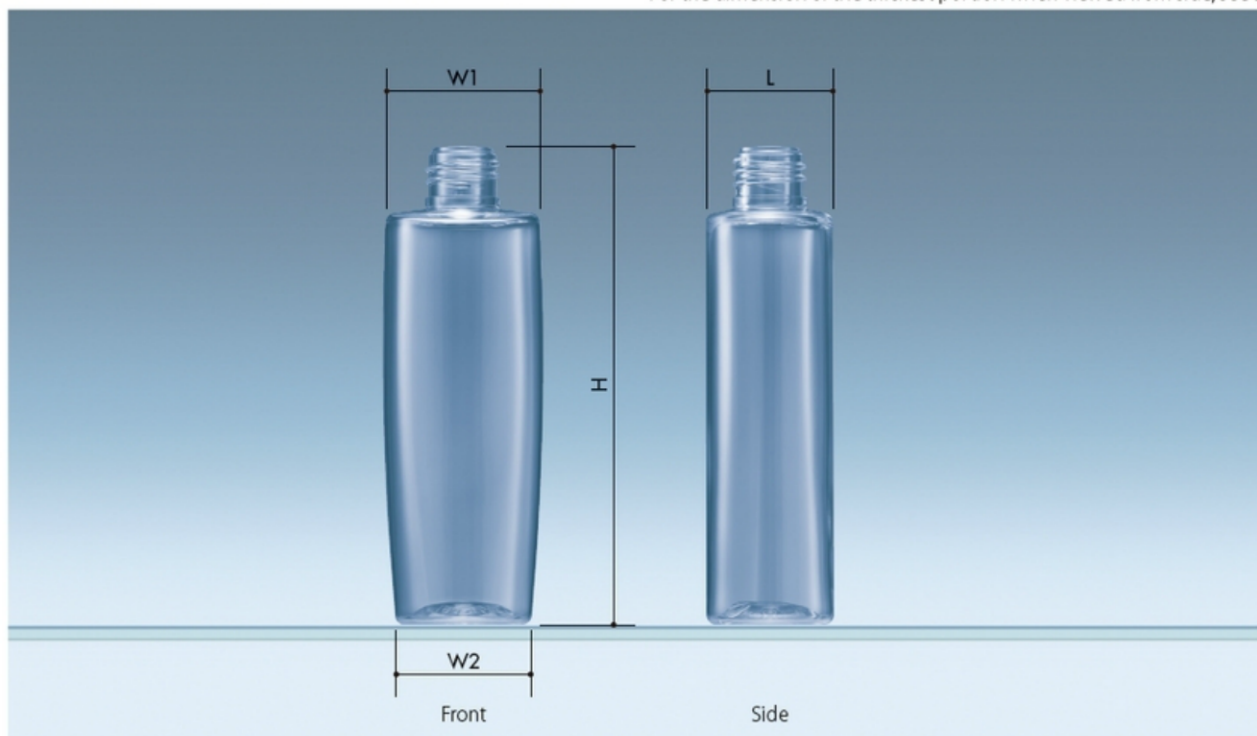
[Bottle and Accessories Size Indications]

H = Height W = Width L = Length Unit: mm

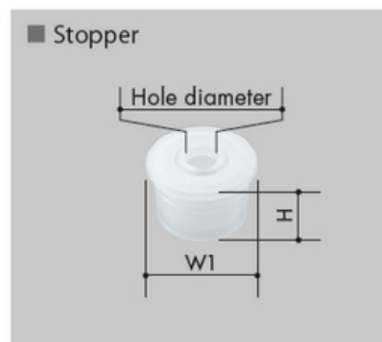
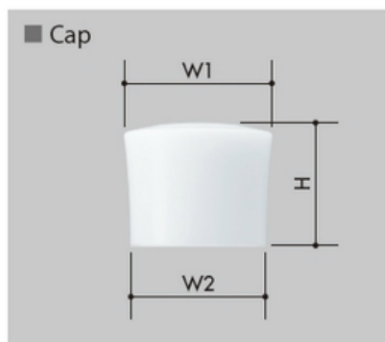
[Size Information]

■ Bottle

● For the smallest and largest widths of each product body, see W1 and W2.
For the dimension of the thickest portion when viewed from side, see L.



■ Accessories





Notes on Imported Items concerning Limit Setting

- Imported items are subject to slight color differences between prototype and production.
- We would appreciate your slightly relaxed limit setting for imported items in comparison with Japanese-made products regarding slight color variation and minor flaws in inconspicuous areas, which may arise during mass production.
- When selecting an item new to you, please use a boundary sample and the like for consultation with us. This also applies to repeat orders on an as-needed basis.

We would appreciate your understanding.

[Information Logos]



Imported Product
Products not made in Japan



With vents or without vents are available for selection.



Japanese-made product or imported product are available for selection.
Or depending on the lot



Suitable for direct filling



Space for brush and chip

[For Other Product Information]

We offer the following:

- Standard catalog
- Make up catalog
- Import catalog
- Sample containers
- E-mail newsletters
- Reagent catalog
- Decoration catalog
- Webpages
- Online simulation

For more information, complete the inquiry form on our website or simply call us.

www.gla-sei.jp TEL: +81-72-640-5678 (Main number)

PLASTIC BOTTLE

AE	16	IBE	18	POW	22
AJU	28	IBFS	32	SAI	30
BOU	28	IBG	20	VIT	32
BOUF	28	IBN	20	YOV	16
DPV	16	IBRS	26	YPO	16
FREIA	14	ISR	26	YSQ	16
GSQS	26	KAQ	26	YSQS	16
HK	30	M I	30		
IBD	24	PIBO	22		

CREAM JAR

AMAN	36	FR	38	PWS	38
ATTO	38	JAM	34	RUPIA	38
FQP	34	PLG II	34	TATAN	38

AIRLESS

GPSY	40	HV24	42
HV22	40	HV48	42

LIQUID FOUNDATION

BOUF(Multi-layer)	44	COLN	44	GRAN	44
-------------------	----	------	----	------	----

T U B E

AI	46
----	----

MAKE UP

ENIF	48	OPERA	48	PABLO	48
------	----	-------	----	-------	----

CAPS/ACCESSORIES


Cap	①	Stopper	②	Dispenser	②~⑤
-----	---	---------	---	-----------	-----

PLASTIC BOTTLE 

CREAM JAR 

AIRLESS 

LIQUID FOUNDATION 

TUBE 

MAKE UP 

CAPS/ACCESSORIES 

To make the COSME family complete, GLASEL offers an example selection of bottles similar in form and look.

A

■ A distinctive shape decorated attractively with a sharp masculine design



- 1 IBE-150H p.18

- 2 TATAN-50 p.38

- 3 IBD-500 p.24

B

■ An exquisitely designed shape harmoniously silver vacuum-metalized to give an impression of glamorous sophistication



- 1 IBN-150H p.20

- 2 RUIPIA SP-50 p.162 *

- 3 NP-30A p.200 *

C

■ An elegant square shape with colorful printing for enhanced chic



- 1 RXJ-PP100 p.180*

- 2 SAI-400F p.30

- 3 GSQS-300 p.26

D

■ Combination of black and beige for a greater sense of luxury



- 1 PABLO p.48

- 2 COLN-30 p.44

- 3 OPERA-65φ p.48

- 4 FQP-10 p.34

VARIOUS EXAMPLE DECORATIONS

GLASEL offers a variety of decoration methods tailored to specific items, such as bottles, jars and caps. We use advanced processing techniques to achieve a myriad of expressions, thereby embodying the concept of your product and enhancing originality.

★ Vacuum Metalized [Inner part]

In a vacuum chamber, evaporated aluminum is deposited onto the surface of a substrate to give a metallic sheen. Even curved or bumpy surfaces, if vacuum metalized, can be given a clean coating for a quality appearance, while hot stamping is impractical on such surfaces. Moreover, applying paint on an aluminum layer can produce various colored metallic surfaces. High-gloss vacuum metallization is a way of achieving specular gloss printing effects.

★ Hot Stamp / Transfer

Hot stamp and transfer processes are used to transfer a metallic foil or printed image from a film to a substrate by heat. The hot stamp process is suitable for placing a circular band, logo or other printed highlight image, while the transfer process cleanly represents letters, patterns and photographed images.

● Coloring [outer part]

Coloring of a raw plastic is achieved by mixing the raw plastic and a colorant. Using this method, it is possible to render various colors from transparent to translucent to opaque to pearl.

* When making a decision, please remember that some plastics cannot be made transparent.



★ Hot Stamp / Transfer

Hot stamp and transfer processes are used to transfer a metallic foil or printed image from a film to a substrate by heat. The hot stamp process is suitable for placing a circular band, logo or other printed highlight image, while the transfer process cleanly represents letters, patterns and photographed images.

● Paint

Paint is applied to the surface of a substrate to add a color. This method is used for various color and texture expressions, from transparent to translucent to opaque as well as from pearl to matte and to gradation. To produce a pearl color in particular, paint-finished surfaces are more vivid than those produced by coloring.

* When making a decision, please remember that some plastics cannot be made transparent.

● Printing (silk screen printing)

Silk screen printing is the most common printing method that uses a screen. The cost of the screen is relatively low. This method enables ink to be applied thickly for an impressive print effect.

● Printing (pad)

This printing method uses a rubber pad. It enables three-dimensional curved surfaces to be printed, which is not possible with silk screen printing, although the cost of the plate used (engraving cost) is higher than that of the screen used for silk screen printing. However, the results are affected by the substrate color because the ink can form only a thin film.



★ Vacuum Metalized

In a vacuum chamber, evaporated aluminum is deposited onto the surface of a substrate to give a metallic sheen. Even curved or bumpy surfaces, if vacuum metalized, can be given a clean coating for a quality appearance, while hot stamping is impractical on such surfaces. Moreover, applying a paint on an aluminum layer can produce various colored metallic surfaces.

★ Hot Stamp / Transfer

Hot stamp and transfer processes are used to transfer a metallic foil or printed image from a film to a substrate by heat. The hot stamp process is suitable for placing a circular band, logo or other printed highlight image, while the transfer process cleanly represents letters, patterns and photographed images.

● Shrink Wrap

Heat-shrinking films can be used to provide designs in areas where it is not possible to print or transfer images. This method enables letters, patterns, pictures and even gradations to be incorporated in exquisite expressions. It is also possible to print in gold, silver and pearl, as well as to perform hot stamping and high-brightness printing (depending on the printing method).



● Label

Labeling is a decoration method in which designed stickers are attached to the surface to be decorated. Labels come in various shapes and textures. (Labels made of a stretchable material are also available for tubes.)

■ For more detailed information, contact our staff.

Other Methods for Your Original Decoration Ideas

GLASEL offers unique decoration techniques for your products to build an outstanding presence.

PATSUIN

If a product has a clearance between the top panel and the lid, it is possible to place a processed film or various other ornaments in the clearance.



GLASEL's efforts to reduce carbon-dioxide emissions

Using plant-derived polyethylene (bio-PE)

As environmental and energy-related issues such as global warming and the exhaustion of oil reserves come into close-up, the focus is now on carbon-neutral* plant-based plastics (biomass), which pose less of an environmental burden, as substitutes for conventional petroleum-based plastics. GLASEL works with many types of eco-friendly plastics. In particular, we are interested in bio-PE and encouraging its use because it can be used like conventional PE.

* Carbon-neutral

Plastics made from plant material are environmentally friendly because they do not theoretically result in net CO₂ emissions even if they are incinerated on disposal, as the plants from which they are made absorb CO₂ as they grow.

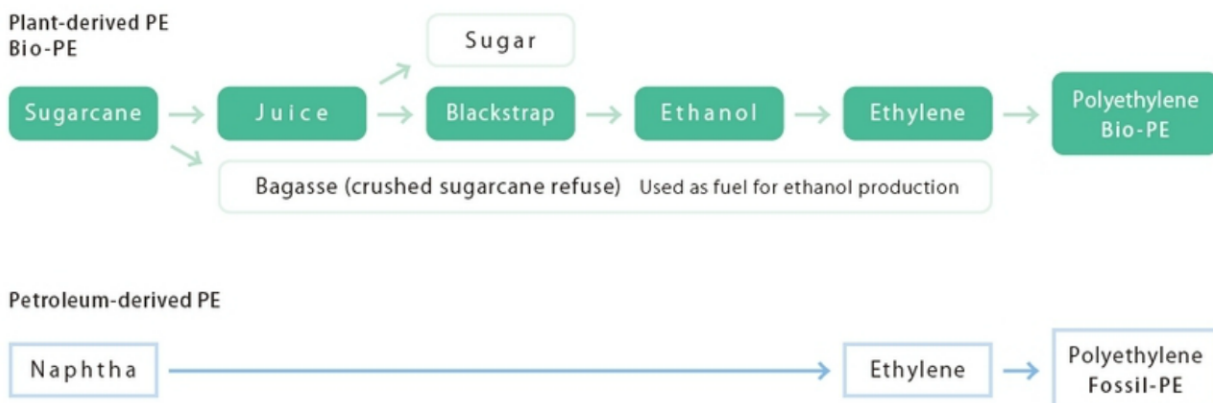
1 Bio-PE ?

Bio-polyethylene (bio-PE) is manufactured using ethylene derived from bioethanol, which is made from plant material as its raw ingredient.

Bio-PE featured in this catalog is made from bioethanol. This bioethanol is produced in Brazil by fermenting molasses, which is the residue from refining, in most cases, sugarcane juice. Being produced from molasses, it does not affect or compete with food (sugar) production.

Moreover, ethylene production is followed by the same process as for petroleum-derived PE.

Consequently, it can be easily molded by conventional polyethylene molding machines and molds.



2 Benefits ?

If entirely made from bio-PE, polyethylene moldings will be 96% biomass-derived.

This translates to an approximately 70% reduction of CO₂ (greenhouse gas) emissions compared with petroleum-derived PE.

■ Assessment of CO₂ emissions from processes encompassing bio-PE production in Brazil, transport to Japan, use as containers and disposal by incineration

3 Products ?

Items produced from bio-PE are virtually the same in color tone as those from conventional PE.

Regarding heat resistance, impact resistance (drop test) and workability (e.g. printing), bio-PE is similar to conventional PE. Bio-PE has proven itself in actual applications, with its odorless and chemical resistance properties suitable for general-use shampoos.

■ Please test the container's resistance to the contents without fail.

4 Material Codes ?

The material code for bio-PE is "PE."

If a product is made from 25% or more biomass-derived components, it is permitted to bear the BP logo of the Japan BioPlastics Association (JBPA). Bio-PE qualifies for the BP logo.

■ To use the BP logo, you need to register with JBPA as a member and have your products individually registered and certified (at cost).

5 Applicable Products ?

All GLASEL products made with PE can also be made with Bio-PE.

■ Some products are excluded. Please inquire for details.

FREIA

■ A double-bottle family with a luxurious feel and added-depth



FREIA-30



Z-200
(Metal covering for FREIA)



Z-200
(Metal covering for FREIA
(actuator: metal covering))

★ Vacuum metalized ○ Natural color ● Screen printing ● Coloring ● Metal covering



- 1
FREIA-30(inner bottle: ★)
outer bottle: ○ ● shoulder parts: ★)+
Metal covering for FREIA(● + ●)+
Over cap ○
- 2
FREIA-30(inner bottle: ★)
outer bottle: ● ● shoulder parts: ★)+
Metal covering for FREIA(● + ●)+
Over cap ●



FREIA-30

- The body is made by fitting the inner bottle into the outer bottle (double-bottle).
- The shoulder parts and the inner bottle can be colored, painted, or vacuum metalized. The outer bottle can be colored, painted inside or outside, or vacuum metalized.
- The shoulder parts can be opened and closed for refilling.
- A type that uses a replaceable inner bottle
- The outer bottle is intended for repeated use to reduce trash.

Product name	Capacity[mL] overflow capacity	Bottle size[mm]		Forming method	Material	Compatible caps / accessories		
		H	W 1			Cap	Stopper	Dispenser
FREIA-30	38	115.7	35.2 φ	Inner bottle: direct blow molding Outer bottle: injection molding	Inner and outer bottle: PET	G-200SP	Z-200(Metal covering for FREIA)	Z-200-C104F ● Z-200-C159F ● L24-150 ● P24-80 ● GPT20-20L ●

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
■ Please note that the specifications are subject to change.
■ For more details on caps and accessories, see the page marked * ● * next to each part name (see the end of this catalog). If not described, see Standard catalog 2017, Extra issue 2018.

■ Caps and accessories are shown for example purposes only. Some specific bottles or sizes may not be nicely coordinated with some caps and accessories, even though they fit together. Please check the actual articles, or contact us.

● For notes on imported items, see page 5.

AE/YPO/YOV/YSQ/YSQS/DPV

■ A solid glass-like feel enhancing the appeal of PET bottle variations



AE-30B

AE-50B

YPO-30

YPO-50



YOV-35

YSQ-30

YSQS-35

DPV-40H



PZ-M

G-200SP



NKT OVER CAP

G-200SP



MS flat cap(AS)

MS180-24S
(Metal covering:stepped)



OVER CAP(SB)

Z-200-C022
(Metal covering)



YSQS-30 OVER CAP(PCT)

Z-200-C160F



PCV-511

Z-205-C144F

○ Natural color ● Paint ● Screen printing ● Hot stamp ● Coloring ★ Vacuum metalized

1
YSQ-30 ○ ● ● ● ● +
G-200SP(Hole cap: ★ /Rubber: ○)

2
YOV-35 ○ ● ● ● ● +
G-200SP(Hole cap: ★ /Rubber: ○)

3
AE-50B ○ ● ● ● ● +
G-200SP(Hole cap: ● /Rubber: ●)+
PZ-M ○

4
AE-30B ○ ● ● ● ● +
G-200SP(Hole cap: ● /Rubber: ●)+
PZ-M ○



YOV-35

■ A finely designed bottle like a perfume bottle instead of the standard oval shape

YSQS

- The YSQS family in conjunction with an over cap offers attractive, harmonious expressions.
- According to the specifications of dispensers fitting to the bottles (see the table), the purpose-designed over cap can be interdigitated.
- There is a cut on the bottle shoulder.

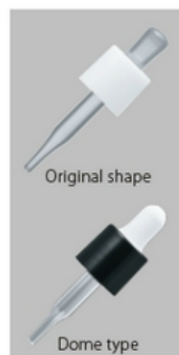
AE/Y series/DPV

- Unique glass-like thick-walled bottles
- Coloring is not available with the AE and YI families. Choose other techniques, such as paint, for color decoration.



YSQS OVER CAP

■ The over cap is made with PCT. Superb chemical resistance, outstanding clarity, high impact resistance and wear resistance.



G-200SP

- It can be fitted onto various bottles that have a Z-200 opening. (This does not apply to some products.)
- Choose the rubber part either from GLASEL's original shape (SI) or the standard dome shape (NBR/IIR*).

*Available in black and white for NBR and black for IIR.

Product name	Capacity[mL] overflow capacity	Bottle size[mm]				Forming method	Material	Compatible caps / accessories		
		H	W1	W2	L			Cap	Stopper	Dispenser
AE-30B	38.5	88.5	34.6 φ			Injection stretch blow molding	PET	G-200SP		
AE-50B	57	98.5	36.6 φ							
YPO-30	38.3		37 φ	28 φ						
YPO-50	60.3		43 φ	30 φ						
YOV-35	42.5	88.5	43		30					
YSQ-30	35.8		□ 30							
YSQS-35	44.4		□ 32							
DPV-40H	49.5	77.7	41.3 φ	26.4 φ		Direct blow molding		G-200SP		

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 ■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
 ■ Please note that the specifications are subject to change.
 ■ For more details on caps and accessories, see the page marked * ● * next to each part name (see the end of this catalog). If not described, see Standard catalog 2017, Extra Issue 2018.

■ Caps and accessories are shown for example purposes only. Some specific bottles or sizes may not be nicely coordinated with some caps and accessories, even though they fit together. Please check the actual articles, or contact us.

*1 The YSQS-35 combined with a purpose-designed over cap is flush with the bottle.

*2 Fits the DPV-40H only

● For notes on imported items, see page 5.

IBE

■ A bottle family that features a shape which transforms from a round cross section at the shoulder into a square at the bottom to give a stylish yet soothing impression



IBE-120H

IBE-150H

IBE-200H



IBE-50A

IBE-80A

IBE-100H



Z-200-C093F



Z-650-1739



IBL Double
(Inner cap : PP Outer cap : AS)



IBR Double
(Inner cap : PP Outer cap : AS)



JWL-24L
(Inner cap : PP Outer cap : AS)



WKAT-44.2CAP
(Inner cap : PP Outer cap : AS)

○ Natural color ● Paint ● Screen printing ● Coloring ★ Vacuum metalized

- 1
 IBE-50A ○ ● ● ● +
 G-200SP(Hole cap: ★/Rubber: ●)+
 PZ-M ○
- 2
 IBE-80A ○ ● ● ● +
 Z-200-C160F ● +PZ-M ○
- 3
 IBE-120H ● ● ● ● +IBL-120W Double
 (Inner cap: ★/Outer cap: ●)
- 4
 IBE-150H ● ● ● ● +IBL-200 Double
 (Inner cap: ★/Outer cap: ●)



IBL Double

■ Vacuum metalized coating on the inner cap will add depth.



WKAT-44.2CAP

■ The double diamond-like-cut cap makes the KAT family look more brilliant. Both the inner cap and outer cap are diamond-like cut. Vacuum metalized on the inner cap makes it further more brilliant.

◇ KAT Family

- BTA-30K/BTA-50K/BTA-60K •WKAT-44.2CAP •CLK-C •KAT-24L
- KAT-18 OVER CAP •KAT-20 OVER CAP •KAT-F7 OVER CAP •KAT-D22 TUBE CAP



Product name	Capacity[mL] overflow capacity	Bottle size[mm]			Forming method	Material	Compatible caps / accessories		
		H	W 1	W 2			Cap	Stopper	Dispenser
IBE-50A	61	95.5	36.5 φ	27.1 □	Injection stretch blow molding	PET	PHR-20 flip top cap AP flip top cap G-200SP	Z-200-C104F ● Z-200-C159F ● L24-150 ● P24-80 ● L24-150D ● P24-80D ● GPT20-20L ● GTS-20L ● MS180-24(Metal covering) GMS20-180	
IBE-80A	91	114	40 φ	29.5 □					
IBE-100H	115	123	42 φ	30.5 □					
IBE-120H	137	132.5	44 φ	31.8 □					
IBE-150H	168	144.5	46.5 φ	33.5 □					
IBE-200H	219	156.5	51 φ	36.6 □					
							IBR-150CAP, IBR-200CAP IBL-150CAP, IBL-200CAP IBL-120W Double ① IBL-150 Double ① IBL-200 Double WKAT-44.2CAP KAT-24L, BTA-24L DM-24L, JWL-24L ① D-25 ①	TB-24-3 φ TB-24-5 φ TB-24-8 φ	Z-500-C001 Z-500-C009 Z-500-C033 Z-500-C041 Z-500-C163 Z-650-1738 Z-650-1739 Z-155-C110 Z-305-C060 Z-505-C167 L28-500 ① L28-1000 ① P28-150 ●
						TON DR-24L	TON II Stopper TON III Stopper DR-24-3.5φ ●		

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 ■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
 ■ Please note that the specifications are subject to change.
 ■ For more details on caps and accessories, see the page marked * ● * next to each part name (see the end of this catalog). If not described, see Standard catalog 2017, Extra issue 2018.

■ Caps and accessories are shown for example purposes only. Some specific bottles or sizes may not be nicely coordinated with some caps and accessories, even though they fit together. Please check the actual articles, or contact us.

● For notes on imported items, see page 5.

IBN/IBG

■ An elegant and cool family that features exquisitely designed forms



IBN-150H

IBN-200H

IBG-150H



IBN-50A

IBN-100H

IBN-120H



PCV-511(SB)

L2840(SB)

L28-1000SP

TOPCAP(SB)

JWL-24L

DM-24L

Z-200-C160F

Z-1000-C001

L28-500SP

L28-1000SP

GPT20-20L

(Inner cap : PP Outer cap : AS)

(Inner cap : PP Outer cap : AS)

● Coloring ● Paint ● Hot stamp ● Screen printing ● Vacuum metalized ● Natural color

- 1
IBN-50A ●●●●●+
G-200SP(Hole cap: ★ /Rubber: ○)
- 2
IBN-100H ●●●●●+Z-500-C001 ●
- 3
IBN-120H ○●●●●+JWL-24L
(Inner cap: ★ Outer cap: ●)
- 4
IBN-150H ○●●●●+JWL-24L
(Inner cap: ★ Outer cap: ●)
- 5
IBN-200H ○●●●●+Z-650-1739
(Inner cap: ● Outer cap: ●)



DM-24L

■ The DM-24L has an octagonal top surface.



JWL-24L

■ The outer cap has an impressive solid feel. If vacuum metalized, the inner cap creates a vivid contrast to the outer cap.



TON

■ The pointed stopper has a round tip to be kind to the skin. The TON is best suited to hair growth tonic and scalp care items.

Product name	Capacity[mL] overflow capacity	Bottle size[mm]				Forming method	Material	Compatible caps / accessories		
		H	W1	W2	L			Cap	Stopper	Dispenser
IBN-50A	61	94	44.5	36	29.5	Injection stretch blow molding	PET	PHR-20 flip top cap AP flip top cap G-200SP	Z-200-C104F ● Z-200-C159F ● L24-150 ● P24-80 ● GPT20-20L ● MS180-24(Metal covering) GMS20-180	
IBN-100H	115	122.3	52.5	42.5	32.6					
IBN-120H	137	128.8	55.7	45	34.6					
IBN-150H	167.5	136.2	59.3	48	37					
IBN-200H	219	149	65.1	52.7	40.7					
IBG-150H	168	143	57	41	34.5					
						TON	TON II Stopper TON III Stopper			
						DR-24L ①	DR-24-3.5φ ②			

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 ■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
 ■ Please note that the specifications are subject to change.
 ■ For more details on caps and accessories, see the page marked * ● * next to each part name (see the end of this catalog). If not described, see Standard catalog 2017, Extra Issue 2018.

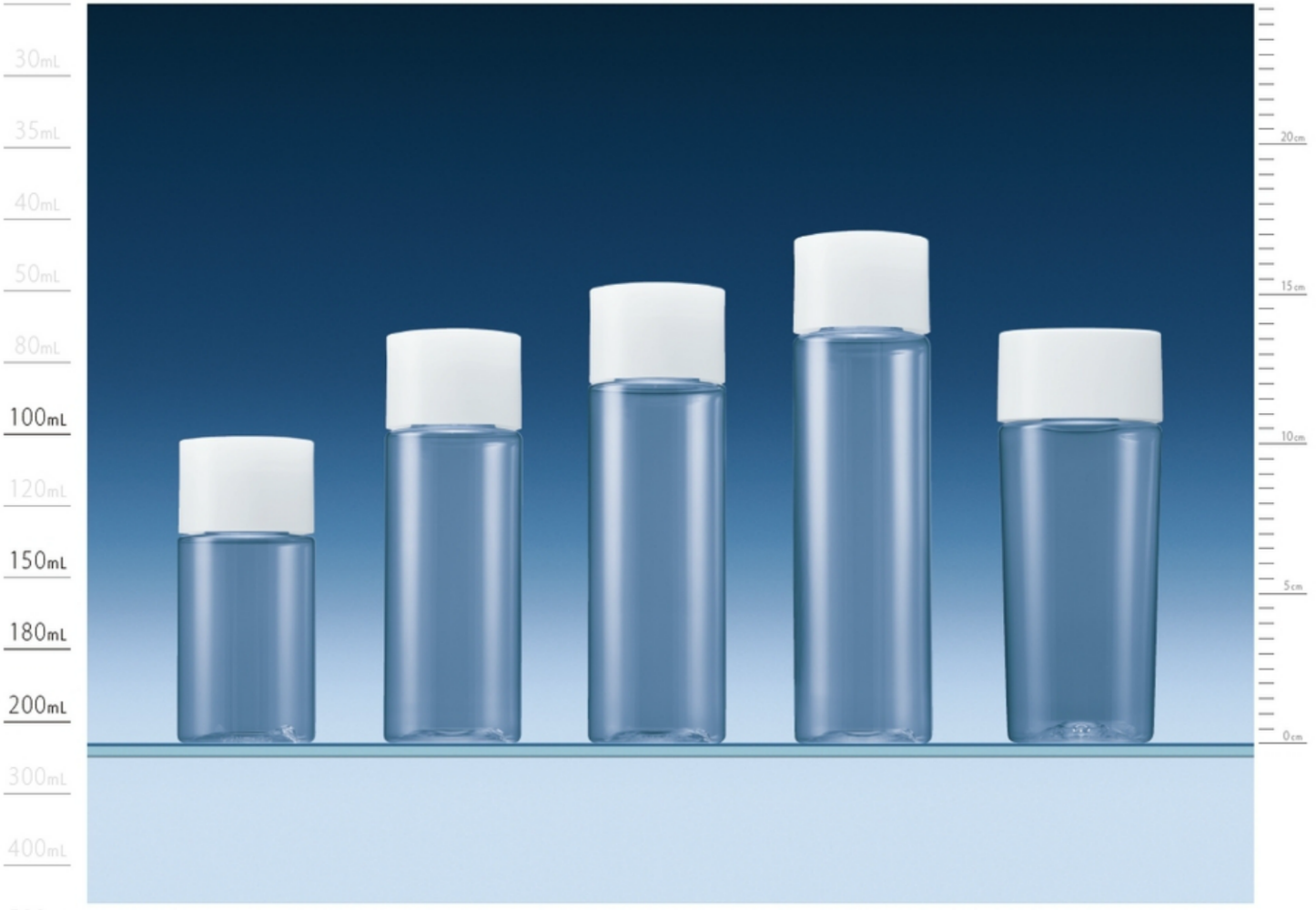
■ Caps and accessories are shown for example purposes only. Some specific bottles or sizes may not be nicely coordinated with some caps and accessories, even though they fit together. Please check the actual articles, or contact us.

● For notes on imported items, see page 5.

POW/PIBO

■ The easy-to-use families of flip top cap models attractively present a harmonious whole with a cap.

■ The POW family includes PE bottles (see Standard catalog 2017 p.100).



POW-100PET

POW-150PET

POW-180PET

POW-200PET

PIBO-150H



TOGW-CAP
(PP)



POW flip top cap
(PP Hole diameter: 3mm)



PIBO-150 CAP
(PP)

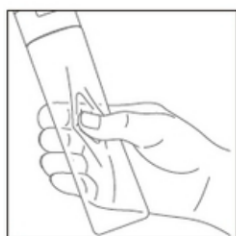


DR-24-3.5φ
(PE)

● Paint ● Screen printing ★ Vacuum metalized



- 1 PIBO-150 ● ● ● +
PIBO-150CAP ★
- 2 PIBO-150 ● ● ● +
PIBO-150CAP ★
- 3 PIBO-150 ● ● ● +
PIBO-150CAP ★



POW

■ The POW is a family of thin-walled squeezable bottles. Provided with a flip top cap or toggle cap, contents are easily discharged.



TOGW-CAP

■ The toggle cap is designed to discharge contents with a single touch.



DR-24-3.5 φ

■ The discharge opening is formed into a trumpet-like shape to be drip-free.

Product name	Capacity[mL] overflow capacity	Bottle size[mm]				Forming method	Material	Compatible caps / accessories		
		H	W 1	W 2	L			Cap	Stopper	Dispenser
POW-100PET(12.9g)	113	90	46.2 φ	/	/	Injection stretch blow molding	PET	POW flip top cap TOGW-CAP	/	/
POW-100PET(15g)	112									
POW-150PET	167	125.5	46.2 φ	/	/					
POW-180PET	193	141.1	/	/	/					
POW-200PET	218	157.8	/	/	/					
PIBO-150	162	130	55	48.6	39.4					

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 ■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
 ■ Please note that the specifications are subject to change.

■ For more details on caps and accessories, see the page marked "●" next to each part name (see the end of this catalog). If not described, see Standard catalog 2017, Extra issue 2018.
 ■ Caps and accessories are shown for example purposes only. Some specific bottles or sizes may not be nicely coordinated with some caps and accessories, even though they fit together. Please check the actual articles, or contact us.

IBD

■ A family of injection stretch blow-molded PET bottles with characteristic gentle curves



IBD-300

IBD-400

IBD-500



Z-3000-C062



KH-400AL



Z-3000-C171



Z-3000-C173

● Coloring ● Screen printing



1 IBD-500 ● +Z-3000-C062 ●

2 IBD-500 ● +Z-3000-C062 ●



IBD

■ Embossed sides are optionally available.

Product name	Capacity [mL] overflow capacity	Bottle size [mm]				Forming method	Material	Compatible caps / accessories		
		H	W 1	W 2	L			Cap	Stopper	Dispenser
IBD-300	343	126.6	40 φ	90.6	57	Injection stretch blow molding	PET	J-5B(rack)	/	Z-3000-C062
IBD-400	447	138.8	40 φ	100.5	63.4					Z-3000-C171 ⑤
IBD-500	555	146	40.4 φ	107.6	67.7					Z-3000-C173 ⑤ KH-400AL

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 ■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
 ■ Please note that the specifications are subject to change.

■ For more details on caps and accessories, see the page marked * ● " next to each part name (see the end of this catalog). If not described, see Standard catalog 2017, Extra Issue 2018.
 ■ Caps and accessories are shown for example purposes only. Some specific bottles or sizes may not be nicely coordinated with some caps and accessories, even though they fit together. Please check the actual articles, or contact us.

IBRS/ISR/GSQS/KAQ

■ Injection stretch blow-molded PET bottle variations ideal for toiletries



Z-3000-C062



Z-3000-C171



KH-400AL

● Coloring ● Adhesive label ● Screen printing



1 GSQS-300 ● +Z-3000-C173 ●

2 GSQS-300 ● +Z-3000-C174 ●



GSQS

■ Embossed sides are optionally available.



IBRS/ISR

■ Embossed sides are optionally available.

Product name	Capacity [mL] overflow capacity	Bottle size [mm]				Forming method	Material	Compatible caps / accessories		
		H	W 1	W 2	L			Cap	Stopper	Dispenser
IBRS-500	560	199	64.8 φ	/	/	Injection stretch blow molding	PET	J-5B(rack)	/	Z-3000-C062 Z-3000-C171 ● Z-3000-C173 ● KH-400AL
ISR-500	560	172.8	40.6 φ	80	57.2					
GSQS-300	349	166.7	51.9 □	/	/					
KAQ-400	458	136.6	65 □	/	/					

- Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
- The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
- Please note that the specifications are subject to change.

- For more details on caps and accessories, see the page marked "●" next to each part name (see the end of this catalog). If not described, see Standard catalog 2017, Extra Issue 2018.
- Caps and accessories are shown for example purposes only. Some specific bottles or sizes may not be nicely coordinated with some caps and accessories, even though they fit together. Please check the actual articles, or contact us.

BOU/BOUF/AJU

PET bottles produced by direct blow molding that are in perfect harmony with the purpose-designed over cap.



BOU-100H

BOU-120H

AJU-100



BOUF-30H

BOU-30H

BOU-50H

BOU-80H



BOU-30 OVER CAP(PP)

Z-200-C160F



BOU-30 OVER CAP(PP)

Z-155-C144F



TB-24.5 φ
(PP)



TB-20 Stopper
(PE)

● Coloring ● Screen printing ● Hot stamp

- 1
BOU-30H ● ● ● +Z-200-C160F ● +
BOU-30 OVER CAP ● ●
- 2
BOU-30H ● ● ● +Z-200-C160F ● +
BOU-30 OVER CAP ● ●
- 3
BOU-30H ● ● ● +Z-200-C160F ● +
BOU-30 OVER CAP ● ●
- 4
BOU-30H ● ● ● +Z-200-C160F ● +
BOU-30 OVER CAP ● ●
- 5
BOU-30H ● ● ● +Z-200-C160F ● +
BOU-30 OVER CAP ● ●



AJU-100



- Flush with the purpose-designed over cap (PP), this family creates an attractive harmonious expression. The body and over cap are both cylindrical.
- The body has a step at the shoulder. (The over cap fits on the body at the shoulder.)



BOU

- Flush with their respective purpose-designed over caps, this family creates an attractive harmonious expression. The body and over cap are both cylindrical.
- The over cap, made of polypropylene, is colored light milky white, ranging from translucent to opaque.
- According to the specifications of dispensers fitting to the bottles (see the table), the purpose-designed over cap can be interdigitated.
- The body has a step at the shoulder.

Product name	Capacity[mL] overflow capacity	Bottle size[mm]		Forming method	Material	Compatible caps / accessories		
		H	W 1			Cap	Stopper	Dispenser
BOU-30H	37.5	71.7	30.3 φ	Direct blow molding	PET	● G-200SP ● TB-24.5 φ	● TB-20-3 φ ● TB-20-5 φ ● TB-20-7 φ	● Z-200-C160F ● ● Z-200-C093F ● ● Z-205-C144F ● Z-75-C094
BOU-50H	59	87.7	33.5 φ					
BOU-80H	91	108.7	36.9 φ					
BOU-100H	112	118.8	39 φ					
BOU-120H	133	131.2	40 φ					
BOUF-30H	37.5	61.9	33.5 φ					
AJU-100	115	132.3	37 φ	PET	/	/	Z-155-C110 Z-500-C014 Z-500-C012 Z-500-CK25	

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 ■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
 ■ Please note that the specifications are subject to change.
 ■ For more details on caps and accessories, see the page marked "●" next to each part name (see the end of this catalog). If not described, see Standard catalog 2017, Extra Issue 2018.

■ Caps and accessories are shown for example purposes only. Some specific bottles or sizes may not be nicely coordinated with some caps and accessories, even though they fit together. Please check the actual articles, or contact us.

* Made to fit the BOU-30H/50H

● For notes on Imported Items, see page 5.

MI/SAI/HK

■ Foamer bottles available in various shapes and a family of delamination bottles with a high oxygen barrier property



M I-40 PE

SAI-300F PE

SAI-400F

HK-P30i

HK-P50i



Foamer Pump

■ Our foamer pumps produce a fine foam simply at the push of the head by using air, and no other gases.



FVG Foamer Pump

■ GLASEL's distinctively designed original foamer pump.



KAT-F7 OVER CAP

■ An over cap shaped like a multifaceted cut diamond.

◇ KAT Family

- BTA-30K/BTA-50K/BTA-60K •WKAT-44.2CAP •CLK-C
- KAT-24L •KAT-18 OVER CAP •KAT-20 OVER CAP
- KAT-F7 OVER CAP •KAT-D22 TUBE CAP



FVG FOAMER PUMP (PP) KAT-F7 OVER CAP(PET) OVER CAP(PP) FVT FOAMER PUMP (PP) FVM FOAMER PUMP (PP) FVI FOAMER PUMP (PP) FVII FOAMER PUMP (PP) GIII FOAMER PUMP (PP) 0.2cc airless pump for HK (Metal covering)

- 1
SAI-300F PE ● ● +
FVG FOAMER PUMP ●
- 2
SAI-300F PE ● ● +
FVG FOAMER PUMP ●
- 3
SAI-400F ● ● +
FVG FOAMER PUMP ●



HK



- The previous HK family has been enhanced with an upmarket image in this outer case version, which is flush with the over cap (PET) and creates an attractive and harmonious expression.
- The HK is a multi-layer inner bottle that prevents the entry of air by an airless pump and the bottle's double structure. The intermediate layer of the inner bottle is made from EV, which exhibits a high oxygen barrier property, to suppress changes to the contents.
- Offers an oxygen barrier property, chemical resistance, gas barrier property and oil resistance.
- Every time the inner bottle is discharged, its inside volume (inner layer + intermediate layer) decreases due to delamination from the outer layer, so air infiltration into the bottle can be prevented.
- The basic color options for the pump and shoulder parts are white, silver vacuum metalized and gold vacuum metalized.
- * For other specifications, consult GLASEL.
- The basic color options for the over cap (PET) are (natural color clear), silver vacuum metalized and gold vacuum metalized.
- * For other specifications, consult GLASEL.



- A type that uses a replaceable inner bottle
- The outer bottle is intended for repeated use to reduce trash.
- The inner bottle can be filled with contents even in a freestanding state.

Product name	Capacity[mL] overflow capacity	Bottle size[mm]		Forming method	Material	Compatible caps / accessories		
		H	W 1			Cap	Stopper	Dispenser
M I-40PE	61	76.7	36 φ	Direct blow molding	PE	F II replacement cap (PP)	M I FOAMER PUMP	
SAI-300F PE	356	109.5	66 □				F II FOAMER PUMP F V T FOAMER PUMP F V M FOAMER PUMP F VI T FOAMER PUMP F VI M FOAMER PUMP	
SAI-400F	486	130.3	68.7 □				F V G FOAMER PUMP * F VII FOAMER PUMP	
HK-P30i	35.3	115	34 φ	Inner bottle: direct blow molding	Inner bottle (Outer layer + Intermediate layer + Inner layer): PP+EV+PE Outer bottle: PMMA	0.2cc airless pump for HK		
HK-P50i	57.5	125	37 φ	Outer bottle: injection molding				

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 ■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
 ■ Please note that the specifications are subject to change.

* In addition to the KAT-F7 OVER CAP, flat-topped over cap (PP) is also available.

● For notes on imported items, see page 5.

IBFS/VIT

■ A family of easy-to-discharge, squeezable small-capacity bottles



IBFS-30

IBFS-50

VIT-50



PCV-470

Z-100-101

DAO flip top cap
(PP Hole diameter: 4mm)

KNT-flip top cap S
(PP Hole diameter: 3mm)

KNT-F-S
(PP)

KNL-S
(PP)

KNQ-S

KNT-F-S Flat stopper
KNT-F-S Flat stopper

*The family includes the KNQ-L (PE Hole diameter: 2mm)(PE Hole diameter: 5mm) coming in a different size.



KNT-N-S
(PP)

KNT-R-S
(PP)

KNT-N,R,S Pointed stopper
(PE Hole diameter: 1.5mm)



TAK-SSL
(PP)



KNX-S
*The family includes the KNX-L coming in a different size.

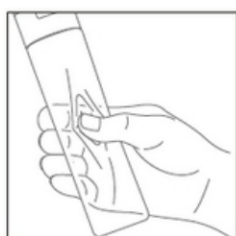


TB-21.8 φ
(PP)

TBS-18-3 φ stopper
TBS-18-5 φ stopper
(PE Hole diameter: 3mm)(PE Hole diameter: 5mm)

● Coloring ● Screen printing

- 1
VIT-50 ● +KNT-flip top cap S ●
- 2
VIT-50 ● +KNT-flip top cap S ●
- 3
VIT-50 ● +KNT-flip top cap S ●
- 4
VIT-50 ● +KNT-flip top cap S ●



IBFS

■ The IBFS is squeezable and easy to discharge, because it is thin-walled, despite being a capped model.

Product name	Capacity[mL] overflow capacity	Bottle size[mm]		Forming method	Material	Compatible caps / accessories		
		H	W 1			Cap	Stopper	Dispenser
IBFS-30	38	82.2	27.5 φ	Injection stretch blow molding	PET	+ TB-21.8 φ	+ TBS-18-3 φ + TBS-18-5 φ	Z-100-101 Z-100-113 + Z-100-C165F
IBFS-50	61	112.7	29 φ			+ DAO flip top cap G-100SPJ *1 SPX-18L ①		
VIT-50	57	106.5	30 φ	Direct blow molding	PE	TAK-SSL KNT-flip top cap S *1 KNX-S KNT-F-S *2 KNQ-S KNL-S KNT-N-S KNT-R-S	KNT-F-S Flat stopper KNT-N,R-S Pointed stopper	

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 ■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
 ■ Please note that the specifications are subject to change.
 ■ For more details on caps and accessories, see the page marked * ● * next to each part name (see the end of this catalog). If not described, see Standard catalog 2017, Extra issue 2018.

■ Caps and accessories are shown for example purposes only. Some specific bottles or sizes may not be nicely coordinated with some caps and accessories, even though they fit together. Please check the actual articles, or contact us.

*1 Packing-less and stopper-less
*2 Packing-less

● For notes on imported items, see page 5.

JAM/PLG II /FQP

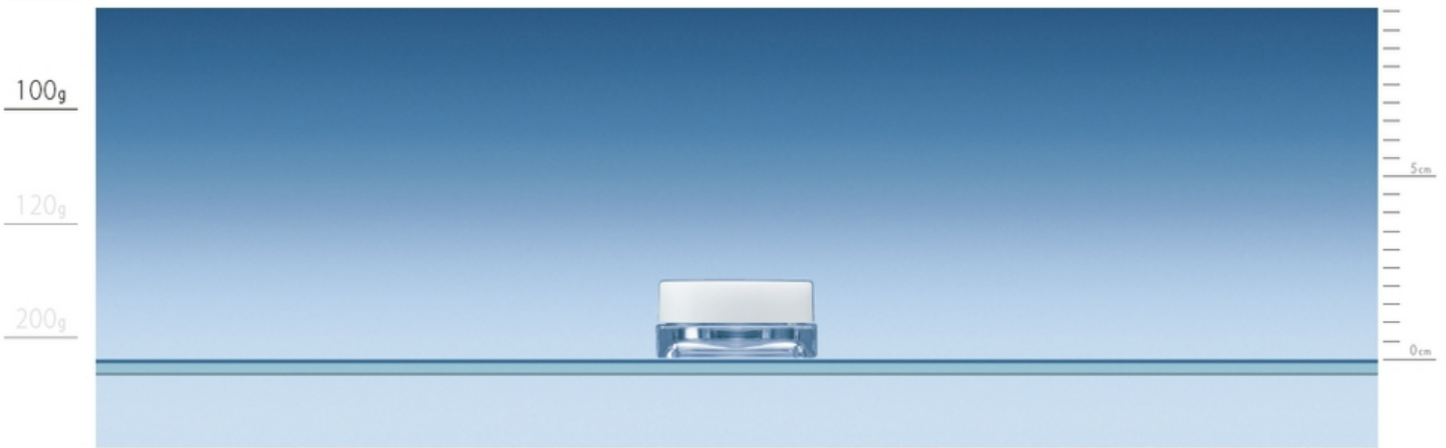
■ A variety of cream jars made of PET, ranging from injection stretch blow-molded types to thick-walled types

■ The PLGII is of the same family as the two-layer PLG (see Standard Catalogue 2017 p.170).



JAM-100

PLG II -50



FQP-10



ATTO-CAP
(PP)



FUJI-CAP
(PP)



ATTO flip top cap
(PP)



PLG II -50 CAP
(Inner cap: PP Outer cap: ABS)



FR-10CAP
(PP)



FR-10 CAP with a window
(Cap: PP Window: AS)

- 1
JAM-100 +ATTO-100CAP
- 2
JAM-100 +ATTO-100CAP
- 3
PLG II -50(Inner Jar:)
Outer Jar:)+
PLG II -50CAP
- 4
PLG II -50(Inner Jar:)
Outer Jar:)+
PLG II -50CAP



Flip Top Models (ATTO-100)

Flip top cap models are also available for ease of use. (The body shown in the photo is the ATTO-100.)



PLG II -50

Insert-molded bodies enable different colors to be used for the inner and outer parts, yielding various color combinations



FQP-10

Thinning

This type of shaping features a thinned bottom to reduce the amount of polymer used. The FQP-10 features a finish with an enhanced glass-like feel.



FR-10 CAP with a window

A combination with FRP-10/ FQP-10 helps highlight the content, from all the directions of the jar and the cap

Product name	Capacity[mL] overflow capacity	Jar size[mm]		Forming method	Material	Compatible caps / accessories		
		H	W I			Cap	Inside Lid	Spatula
JAM-100	126	40	72 φ	Injection stretch blow molding	PET	ATTO-100CAP FUJI-100CAP * ATTO flip top cap	RUPIA-100 inside lid	Spatula L GS-100
PLG II-50	67.6	41.5	□ 69.7	Injection molding (Insert molding)		PLG II -50CAP	RUPIA-60 inside lid	Spatula S Spatula SH
FQP-10	12.8	16.9	□ 44.3	Injection molding		FR-10CAP FR-10 CAP with a window		

Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
Please note that the specifications are subject to change.
Capacity figures shown in the table are valid without any inside lid.

For more details on caps and accessories, see the page marked * next to each part name (see the end of this catalog). If not described, see Standard catalog 2017, Extra Issue 2018.

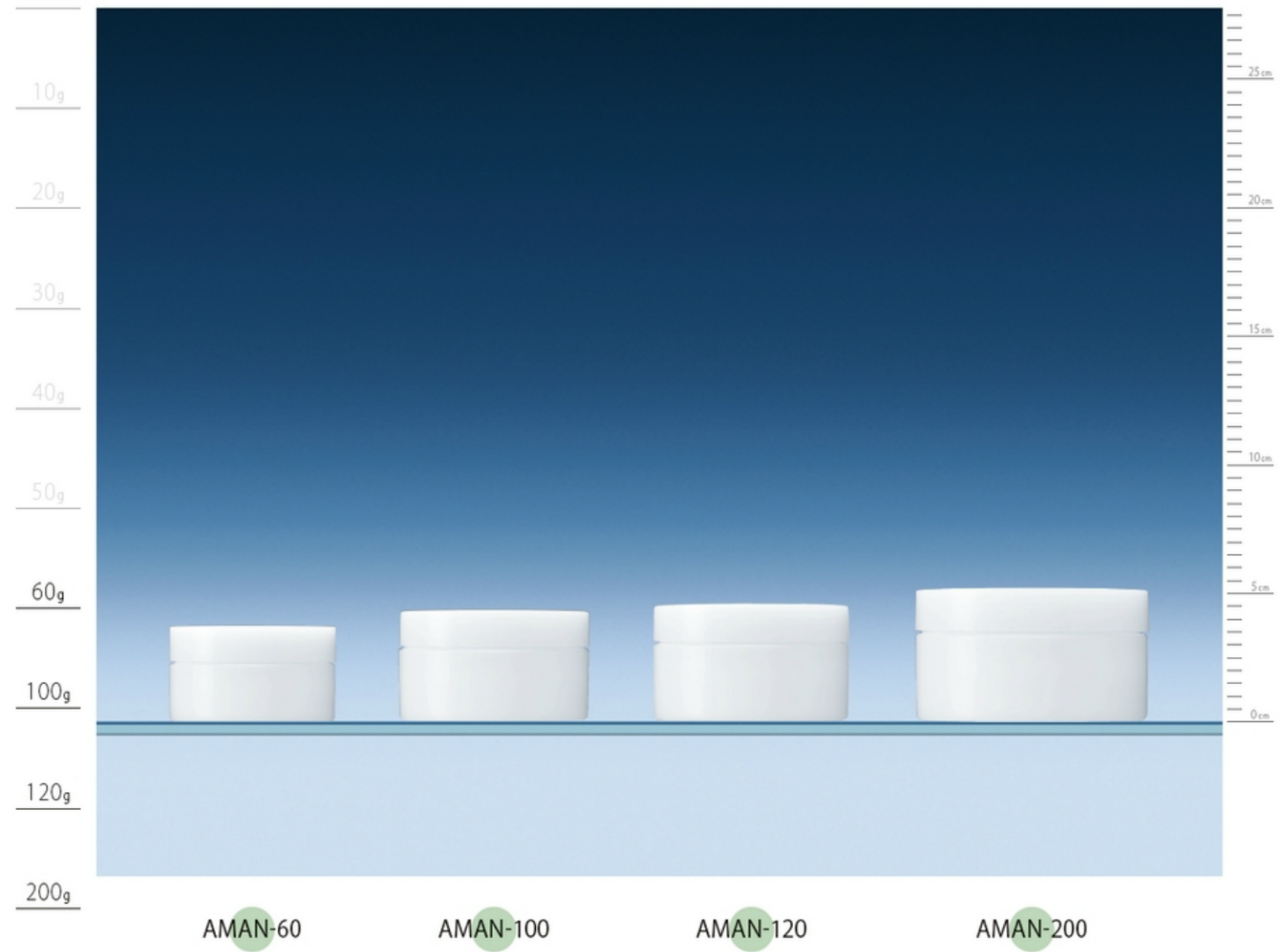
* Provided with a packing to ensure airtightness.

For notes on imported items, see page 5.

CREAM

AMAN

■ A single-jar family that features a low-profile and simple shape with everlasting appeal





- 1
AMAN-60 ● +LAC-60CAP ●
- 2
AMAN-60 ● +LAC-60CAP ●
- 3
AMAN-60 ● +LAC-60CAP ●

Product name	Capacity[mL] overflow capacity	Jar size[mm]		Forming method	Material	Compatible caps / accessories		
		H	W 1			Cap	Inside Lid	Spatula
AMAN-60	72.9	34.4	64.6 φ	Injection molding	PP	LAC-60CAP(PP)	/	/
AMAN-100	114.1	40	73.5 φ			AMAN-100CAP(PP)		
AMAN-120	136.1	42.9	77 φ			AMAN-120CAP(PP)		
AMAN-200	225.1	48.3	90.9 φ			AMAN-200CAP(PP)		

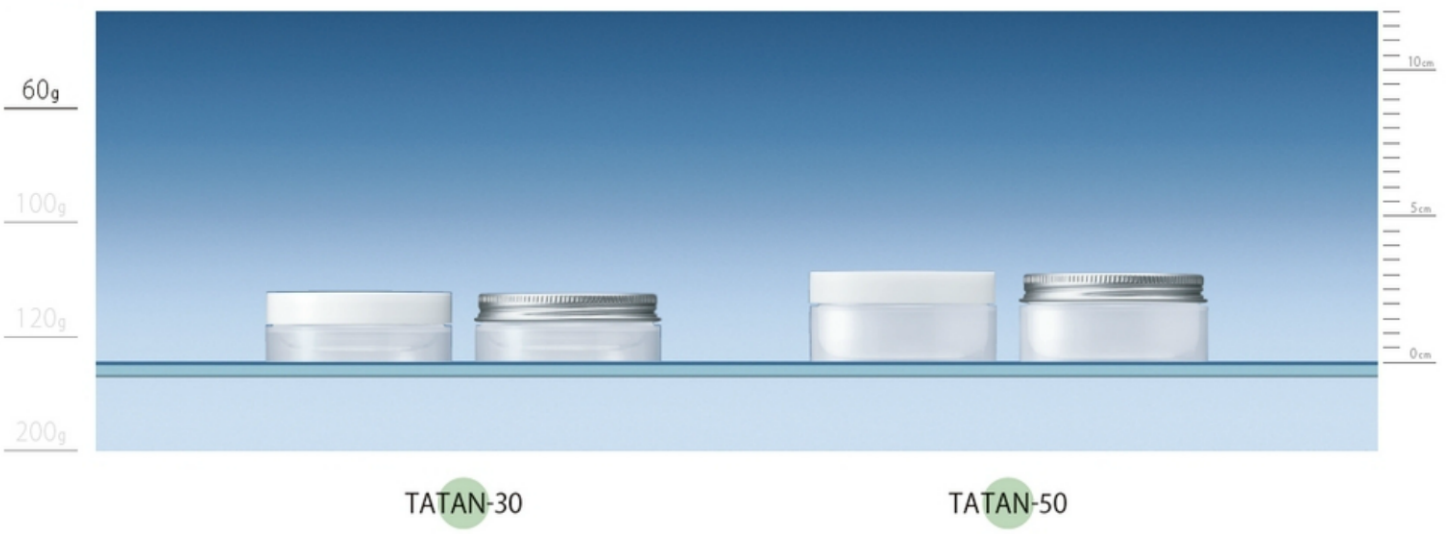
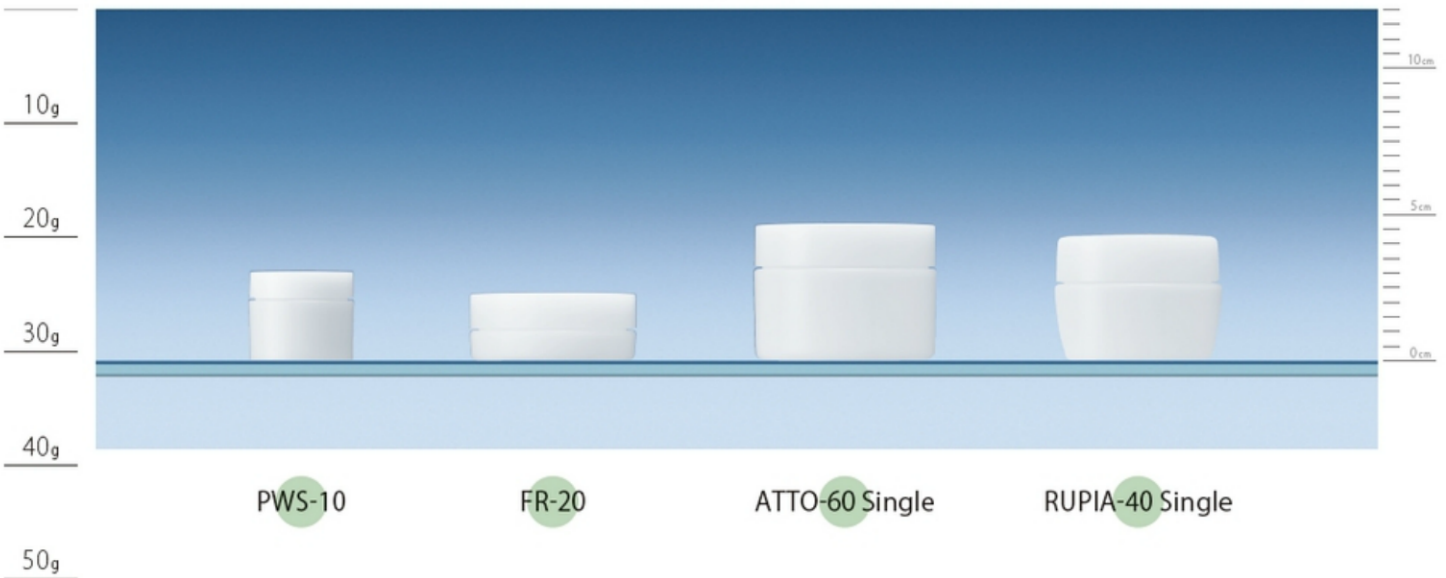
■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.

■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.

■ Please note that the specifications are subject to change.

PWS/FR/ATTO/RUPIA/TATAN

■ Cream jars of various shapes



TATAN-30CAP
(PP)



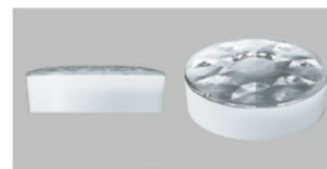
TATAN-30AL
(AL)



ATTO-CAP
(PP)



BTA-CAP
(Cap: PP Top panel: AS)



BTA-60K
(Cap: PP Top panel: AS)



ATTO-60 flip top cap
(PP)



- 1
TATAN-50 ● +TATAN-30AL ●
- 2
TATAN-50 ● +TATAN-30AL ●
- 3
TATAN-30 ● +TATAN-30AL ●

BTA-60K

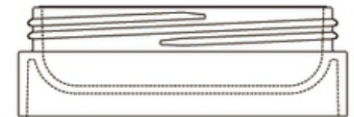


■ The lid is made with two parts. The top panel is diamond-like-cut. Film or other material can be inserted between the top panel and the screw cap.
* Sizes of 30 and 50 are also available.

TATAN

①
Thinning

■ This type of shaping features a thinned bottom to reduce the amount of polymer used.



Product name	Capacity[mL] overflow capacity	Jar size[mm]			Forming method	Material	Compatible caps / accessories		
		H	W 1	W 2			Cap	Inside Lid	Spatula
PWS-10	12.8	27.1	35.1 φ	Injection molding	PP	FR-5	/	/	
FR-20	25	19.5	56.3 φ			LAC-50	/	/	
ATTO-60 Single	77.8	43.5	62.6 φ			ATTO-60CAP FUJI-60CAP BTA-60 BTA-60K	RUPIA-60 inside lid	Spatula S Spatula SH	
RUPIA-40 Single	54	40.1	57.9 φ 49.8 φ			*1 ATTO-60 flip top cap		*2 GS-60	
① TATAN-30	35	21.5	64.2 φ			RUPIA-40 CAP	RUPIA-40 inside lid	GL-38	
① TATAN-50	57	28	64.4 φ			TATAN-30CAP TATAN-30AL	/	/	

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
■ Capacity figures shown in the table are valid without any inside lid.
■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.

■ For more details on caps and accessories, see the page marked * ● * next to each part name (see the end of this catalog). If not described, see Standard catalog 2017, Extra Issue 2018.
■ Please note that the specifications are subject to change.

*1 Provided with a packing to ensure airtightness.
*2 The inside lid can be used to place a spatula on.

AIRLESS

GPSY/HV22

Variations of standard cylindrical airless bottle



HV22-9

HV22-15

HV22-30

HV22-35

GPSY-20



HV22-150 (PP) HV22-150(beak-shaped) (PP)

*A ribbed type is also available. *A ribbed type is also available



HV22-150D (Inner part: PP Outer part: AL) HV22-150DX (Inner part: PP Outer part: AL)



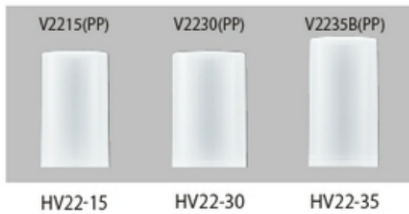
HV22-150D(9ml) HV22-150DX(9ml) (Inner part: PP Outer part: AL) (Inner part: PP Outer part: AL) *L2231 also comes in PP.

- 1
HV22-30(●●●/Bottom: ●)+
HV22-150DX ●+Over cap ●
- 2
HV22-15(●●●/Bottom: ●)+
HV22-150DX ●+Over cap ●
- 3
HV22-30(●●●/Bottom: ●)+
HV22-150DX ●+Over cap ●
- 4
HV22-15(●●●/Bottom: ●)+
HV22-150DX ●+Over cap ●



Airless Bottle

■ GLASEL's airless bottle prevents changes to the contents by avoiding exposure to the air and effectively preventing bacterial contamination. It is designed even for viscous contents to be easily discharged.

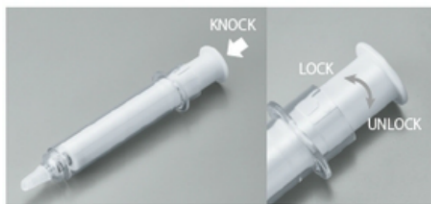


■ Their respective purpose-designed over caps fit the HV22-15/30/35.



HV22-9

■ Over caps are made of either SB or polypropylene. *A beak-shaped type is also available.



GPSY

■ Syringe-like push-operated bottles
* Turn the pump to unlock before use.
The silicone nozzle at the tip is suitable for direct application onto skin.

Product name	Capacity[mL] overflow capacity	Bottle size[mm]			Forming method	Material	Compatible caps / accessories / Dispenser	Dosage	/ Method of joint
		H	W 1	W 2					
HV22-9	10.6	58	24.8 φ	Injection molding	PP	HV22-150	0.15cc	/ Screw	
HV22-15	14.4	76.9	28.8 φ						
HV22-30	35.5	97.2	31.7 φ						
HV22-35	38.7	113.8	29.5 φ						
⊕ GPSY-20	24	169.7	34.8	25.2 φ	Inner and outer bottle: injection molding	Inner bottle: PP Outer bottle: PET	0.15cc	/ Snap-on	

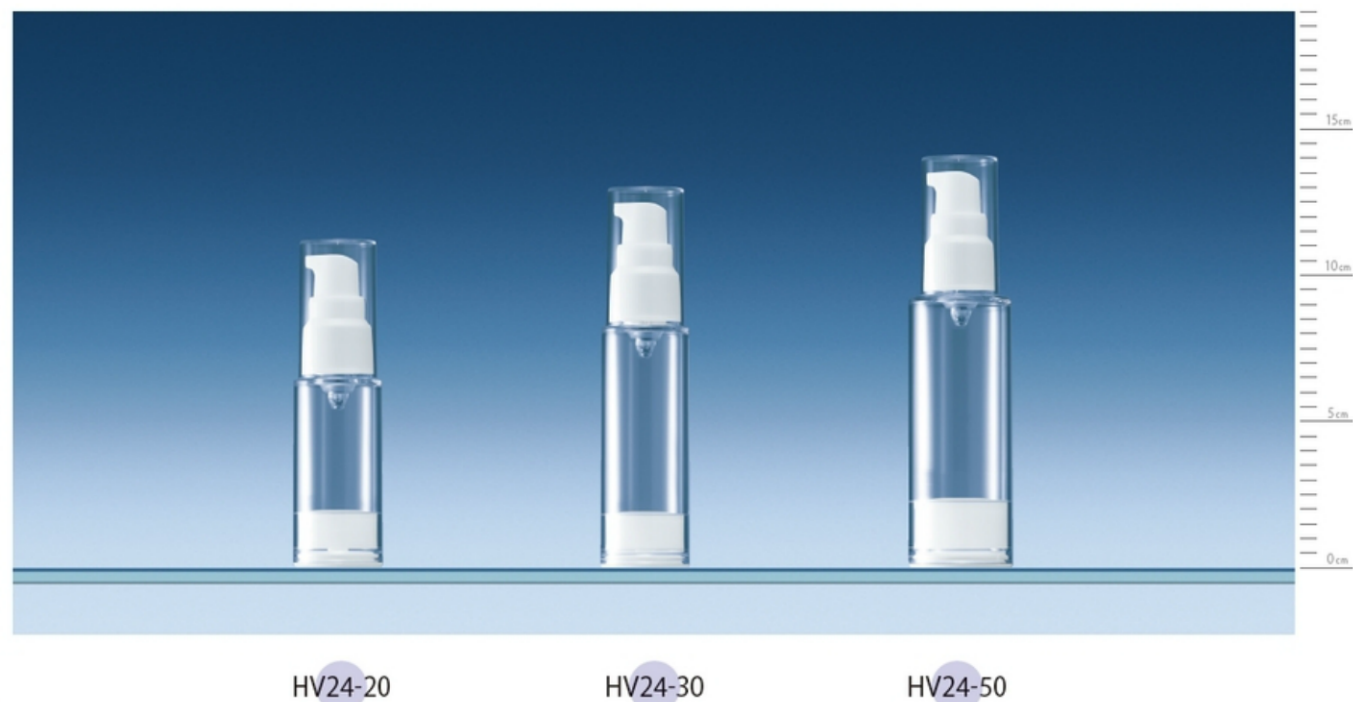
■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.

■ Please note that the specifications are subject to change.

● For notes on imported items, see page 5.

HV24/HV48

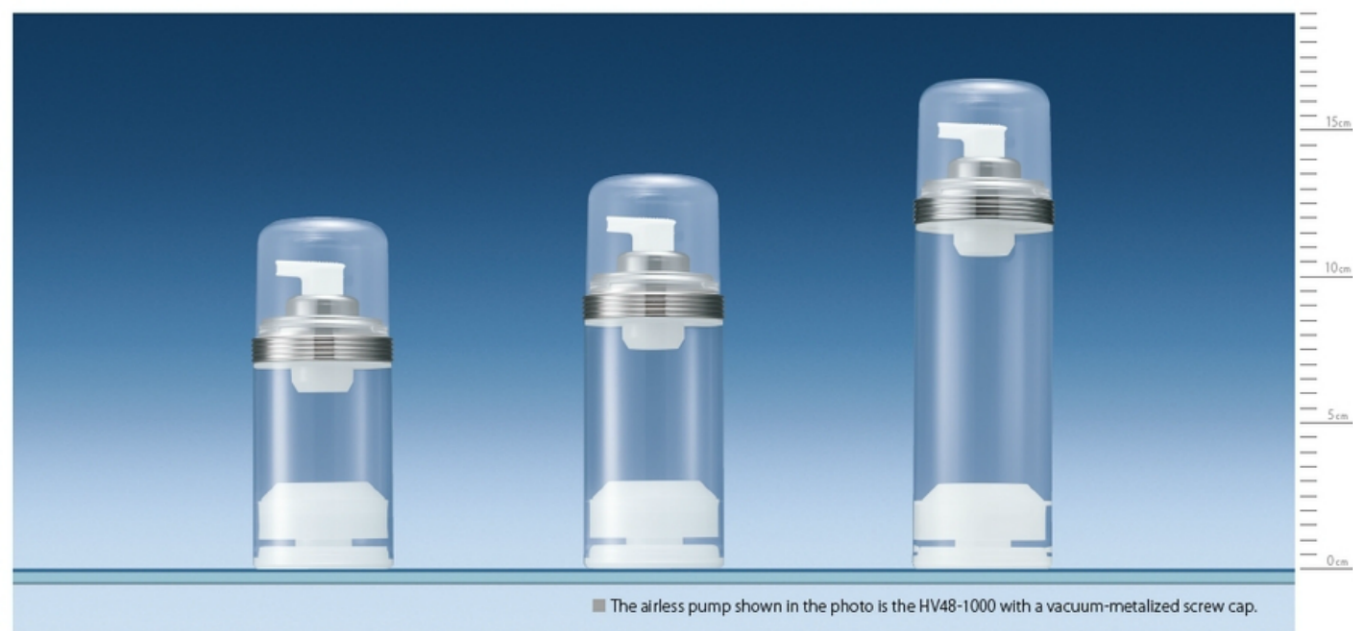
Variations of standard cylindrical airless bottle



HV24-20

HV24-30

HV24-50



HV48-55

HV48-80

HV48-130

The airless pump shown in the photo is the HV48-1000 with a vacuum-metallized screw cap.



HV24-150 (PP)

HV24-150 (beak-shaped) (PP)



HV24-150D (Inner part: PP Outer part: AL)

HV24-150DX (Inner part: PP Outer part: AL)



HV48-1000 (PP)

* The over cap that fits the L-24 pump also fits the HV24 pump. (See CAPS/ACCESSORIES p.3.)

- 1
HV48-80 ● +HV48-1000 ●
+Over cap ○
- 2
HV48-55 ● +HV48-1000 ●
+Over cap ○
- 3
HV48-130 ● +HV48-1000 ●
+Over cap ○



HV24

■ The bottom can also be fitted with a metal covering.

Airless Bottle

■ GLASEL's airless bottle prevents changes to the contents by avoiding exposure to the air and effectively preventing bacterial contamination. It is designed even for viscous contents to be easily discharged.



■ For the HV24, a metal covering over cap (L2402) and the L2445 and L2471 over caps made of ABS, which can be suitably vacuum-metalized, are available.

Product name	Capacity[mL] overflow capacity	Bottle size[mm]		Forming method	Material	Compatible caps / accessories Dispenser	Dosage / Method of joint			
		H	W 1							
HV24-20	27	60.9	30 φ	Injection molding	PET	HV24-150	0.15cc /			
HV24-30	37	79								
HV24-50	55.5	107.5								
HV48-55	78.5	82	47.6 φ					PP	HV48-1000	1.0cc /
HV48-80	98.9	96								
HV48-130	150.3	129.8								

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 ■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
 ■ Please note that the specifications are subject to change.

COLN/GRAN/BOUF

■ Liquid foundation bottles that has an attractive sheen and impressive playful design

30mL



COLN-30

GRAN-30

BOUF-30H(Multi-layer)



COLN-CAP
(PP)



GRAN-CAP
(PP)
*Dodecagon



Z-200-C160F



- 1
GRAN-30 ● +GRAN-CAP ●
- 2
COLN-30 ● +COLN-CAP ●
- 3
COLN-30 ● +GRAN-CAP ● ★

COLN/GRAN/BOUF

- Shiny surfaces produced by an EV outer layer give a quality appearance.



BOUF

- The family is flush in perfect harmony with the purpose-designed over cap. Both body and over cap are cylindrical.
- The over cap, made of polypropylene, is colored milky white, ranging from translucent to opaque.
- According to the specifications of dispensers fitting to the bottles (see the table), the purpose-designed over cap (BOU-50 OVER CAP) can be interdigitated.
- The body has a step at the shoulder.

Product name	Capacity[mL] overflow capacity	Bottle size[mm]				Forming method	Material (Outer layer+ Intermediate layer+ Inner layer)	Compatible caps / accessories		
		H	W 1	W 2	L			Cap	Stopper	Dispenser
COLN-30	38.6	59.6	51.8	/	23.6	Direct blow molding	EV+PE	COLN-CAP	● TMF Stopper	/
GRAN-30	39	62.5	44.2	35	25.5			GRAN-CAP		/
BOUF-30H (Multi-layer)	37.5	63.2	33.5 φ	/	/			G-200SP	● Z-200-C160F ●	
								● TB-20-3 φ	● Z-200-C093F ●	
								● TB-24.5 φ	● TB-20-5 φ	● Z-205-C144F ●
								● TB-20-7 φ		Z-75-C094

■ Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 ■ The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.
 ■ Please note that the specifications are subject to change.

* This is designed to prevent the contents from spouting out.

● For notes on imported items, see page 5.

AI

■ Laminated tubes suitable for multi-color printing



AI-12.7

AI-15.8

AI-19.0

AI-24.7

AI-32.0

AI-37.2

AI-24.7 oval



AI-12.7

AI-15.8

AI-19.0

AI-24.7

AI-32.0

AI-37.2

AI-24.7 oval



C01
(PE)



C05
(PE)



C08
(PP)



C09
(PP)



C13
(PP)

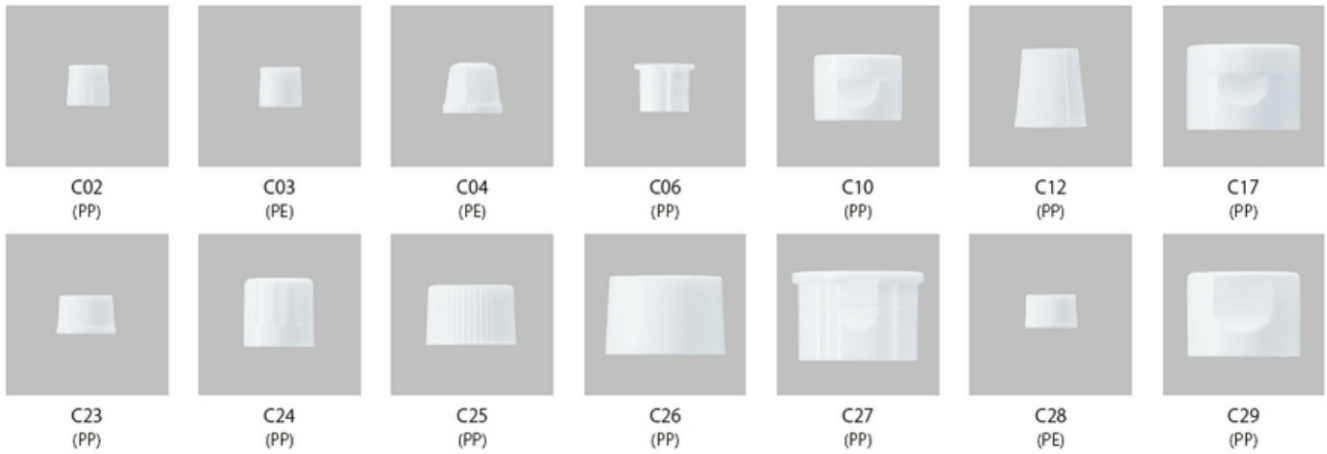


C16
(PP)



OV24.7 CAP
(PP)

- 1 AI-24.7 oval +OV24.7 CAP
- 2 AI-24.7 +C10
- 3 AI-37.2 +C17
- 4 AI-19 +C23
- 5 AI-12.7 +C03



Flip Top Cap

Flip top caps can be positioned in place.
 *The C17 is for coloring only (except for black and white), while the C29 is for black and white only.



AI

- PE (+PET)+AI +PE layers used to make up the tube offer a higher barrier property than conventional multi-layer tubes and a metallic shine.
- Using rotary letterpress printing, these tubes can be specific-color printed (5 colors) or color printed to render a colorful design such as a photographed image.
- *The AI is subject to winding marks.

Product name	Bottle size [mm] H	Inside diameter	Forming method	Material (Outer layer+ Intermediate layer+ Inner layer)	Compatible caps / accessories		
					Cap	Stopper	Dispenser
AI-12.7	12.7 φ	0.8 φ, 5 φ	Laminated	Multi-layer (PE+AL+PE)	C01, C02, C03		
AI-15.8	15.8 φ	5 φ, 5.5 φ			C04, C05, C06(Hole dia.: 3.7mm), C28		
AI-19	19 φ	6.2 φ			C08, C23, C24		
AI-24.7	24.7 φ	3.8 φ, 5 φ, 7.2 φ			C09, C10(Hole dia.: 3.8mm), C12, C25		
AI-24.7 oval	(24.7 φ)	1.2 φ			OV24.7 CAP		
AI-32.0	32 φ	4 φ, 5 φ, 6.6 φ, 7.2 φ			C09, C12, C13, C16, C17(Hole dia.: 5mm), C25, C26, C27(Hole dia.: 6.6mm), C29(Hole dia.: 5mm)		
AI-37.2	37.2 φ	4 φ, 5 φ, 6.6 φ, 7.2 φ			C09, C12, C13, C16, C17(Hole dia.: 5mm), C27(Hole dia.: 6.6mm), C29(Hole dia.: 5mm)		

Numbers in item names serve as a guide for the amount you can fill. Please check the actual articles by conducting tests such as filling and resistance to the contents.
 The capacity and bottle size figures are standard values (before decoration and in standard color), which may differ from measurements.

Please note that the specifications are subject to change.
 The capacity is adjustable by the length. For lengths, see CAPS/ACCESSORIES p.6

PABLO/ENIF/OPERA

Uniquely low-profile compact, airless compact, and powder containers



PABLO

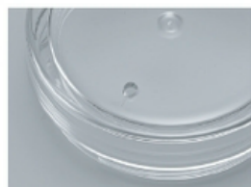


ENIF



OPERA-65 ϕ

OPERA-69 ϕ



OPERA

- The cap comes without a packing if an inside lid is included or with a packing if the inside lid is not included.
- In addition to loose powder, a pressed powder version option is available (54 mm dia. metal pan for OPERA-65 ϕ and 58 mm dia. metal pan for OPERA-69 ϕ).
- Bottom options are available: with/without pinhole. The pinhole enables refilling by pressing the metal pan with a pin.



- 1
OPERA-65 φ ● +OPERA-65 φ CAP ● ●
- 2
PABLO (Body: ● Lid: ● ●)
- 3
OPERA-65 φ ● +OPERA-65 φ CAP ● ●



PABLO

- Lower-profile than usual compacts, and it is not bulky even in a pouch.

ENIF

- Airless compact

GLASEL's airless compact prevents changes to the contents by avoiding exposure to the air and effectively preventing bacterial contamination. It is designed even for viscous foundation and sunscreen to be easily discharged.

Inner Case Replacement (Refilling)

- The inner case can be replaced from inside by pressing the bottom. The inside frame is fitted to the inner case for replacement of the inner case and the inside frame together.



- 1 After taking the puff out of the outer case, close the lid. Turn the outer case upside down. Press the bottom firmly with both thumbs until the refill comes off.
 - 2 Open the lid of the outer case and take the refill out.
- Pallet: PK/PP; (Slim) Discharge opening: PE; Lower case: PP

《Filling Method》



- 1 Fill the inner case with the contents.
(The quantity to be filled differs depending on the specific gravity of the contents. Check with the actual contents.)
 - 2 Flatten the contents (e.g. by shaking).
 - 3 Using the purpose-built jig,* temporarily assemble the inner case with the pallet and release the air from the container.
 - 4 Using the purpose-built jig, press the inside frame. In doing so, avoid touching the pallet (button on the top surface).
- * Contact us for the purpose-built jig. * Tamper-proof seals are available.

《Usage》

The entire pallet (top surface) serves as a button. Press it to discharge the contents from the center (through a single hole or many holes).

Product name	Size [mm]			Size of metal pan [mm]			Puff space	Opening and shutting	Material				
	H	W	L	H	W	L			Body	Lid	Inside frame	Button	Palette
PABLO	12	119.5	63	5	46.8	55.1			ABS	ABS	ABS	PP	/
ENIF	28.2	□75	/	Purposedesigned refill (Slim/Slim multi)			○	Slide button	ABS	ABS	ABS	PC	PK/PP

Product name	Capacity [mL] overflow capacity	Method of joint	Bottle size [mm]		Material	Cap		Inside Lid	
			H	W		Product name	Material	Number of holes	Hole diameter
OPERA-65 φ	17.6	Screw	21.3	65 φ	AS	OPERA-65 φ CAP	ABS	20	3 φ
	42.6 (O.F.)								3 φ, 2 φ
OPERA-69 φ	23.8			69 φ		OPERA-69 φ CAP			
	49 (O.F.)								

■ Filling the container or the metal palette, please make sure to check the actual articles.
 ■ The container or the metal palette size figures are approximate.
 ■ Materials are subject to change with some specifications.

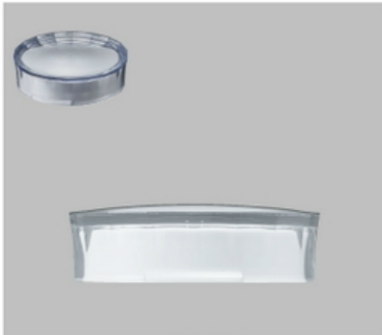
■ Please note that the specifications are subject to change.

● For notes on imported items, see page 5.

IB-100
CAP FOR LOTION BOTTLE OPENING

General-purpose caps fitting many bottles

These caps are not for every bottle. For more details, contact us.



Product Name	Size[mm]		Material
	W1	W2 × H	
CLZ-C	68.15φ	64.4φ × 20.8	AS, PP

* The top surface is octadecagonal.



Product Name	Size[mm]		Material
	W1	W2 × H	
DR-35.4CAP	24.8φ	35.4φ × 28.8	PP
DR-38.5CAP	37.9φ	38.5φ × 29	PP

* The stopper is compatible only with the DR-20-3.5φ.
 * The DR family includes the DR-18L/20L/24L cap for lotion bottles, coming in a different size.
 * For more details, see the Standard catalog 2017.

CL
CAP FOR CREAM JAR OPENING

General-purpose caps fitting many Jars

These caps are not for every jar. For more details, contact us.



Product Name	Size[mm]		Material
	W1	H	
SPX-18L	22φ	15.4	PP

* Stopper-less and packing-less cap for injection stretch blow-molded PET bottles

Z-100
CAP FOR ATOMIZER BOTTLE OPENING

General-purpose caps fitting many bottles

These caps are not for every bottle. For more details, contact us.

Z-500 (S-650/TB-24)
CAP FOR ATOMIZER BOTTLE OPENING

General-purpose caps fitting many bottles

These caps are not for every bottle. For more details, contact us.



Product Name	Size[mm]		Material
	W1	W2 × H	
JWL-24L	38φ	32.4φ × 23	AS, PP



Product Name	Size[mm]		Material
	W1	W2 × H	
DR-24L	31.2φ	31.6φ × 22.5	PP

* The stopper is compatible only with the DR-24-3.5φ.
 * The DR family includes the DR-18L/20L/34.5/38.5 cap for lotion bottles, coming in a different size.
 * For more details, see the Standard catalog 2017.



Product Name	Size[mm]		Material
	W1	H	
D-25	24.8φ	15	AL

* This cap may tend to incline depending on the bottle it is fitted on.



Product Name	Size[mm]		Material
	W1	W2 × H	
IBL-120W Double	38.7φ	41.4φ × 30.8	AS, PP
IBL-150W Double	45φ	42φ × 32.5	AS, PP

* This family includes the IBL-200 Double.
 * For more details, see the Extra issue 2018.



Sizes [mm] are shown above the pictures.

These stoppers are not for every bottle. For more details, contact us.



Product Name	Hole diameter	Material
DR-24-3.5 ϕ	3.5 ϕ	PE

* The DR family includes the DR-18-3.5 ϕ , DR-20-3.5 ϕ stopper for lotion bottles, coming in a different size.
 * For more details, see Standard catalog 2017.



Part names (materials) shown above the pictures are for top caps and over caps. Sizes [mm] include the caps.

These dispensers are not for every bottle. For more details, contact us.



Product Name	Material	Dosage
L22-150(smooth)	PP	0.15cc

* L2230 also comes in PP.
 * L2235 also comes in PP(L2236).



Product Name	Material	Dosage
L22-150(ribbed)	PP	0.15cc

* L2230 also comes in PP.
 * L2235 also comes in PP(L2236).



Product Name	Material	Dosage
L22-150D	AL / PP	0.15cc

* L2231 also comes in PP.
 (The height figure includes a closure seat flange 2.5mm in height.)



Product Name	Material	Dosage
L22-150DX	AL / PP	0.15cc

* L2231 also comes in PP.
 (The height figure includes a closure seat flange 2.5mm in height.)



Product Name	Material	Dosage
L22-150(beak-shaped/smooth)	PP	0.15cc

* Ribbed type is also available.
 * L2230 also comes in PP.
 * L2235 also comes in PP(L2236).



Part names (materials) shown above the pictures are for top caps and over caps. Sizes [mm] include the caps.

These dispensers are not for every bottle. For more details, contact us.



Product Name	Material	Dosage
GTS-20L	PP	0.25cc

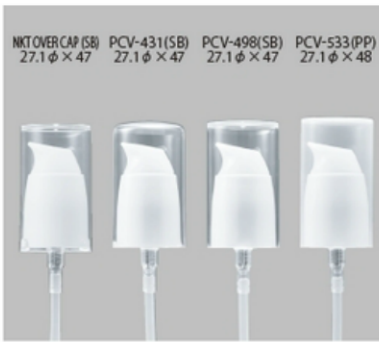
+



Product Name	Material	Dosage
GPT20-20L	PP	0.2cc

+

For notes on imported items, see page 5.



Product Name	Material	Dosage
⊕ Z-100-C104F	PP	0.1cc
⊕ Z-150-C104F	PP	0.15cc
⊕ Z-200-C104F	PP	0.2cc

* Back-suction models. * In order to distinguish the Z-100/150/200, please see CAPS/ACCESSORIES p.1 of Extra Issue 2018.



Product Name	Material	Dosage
⊕ Z-100-C159F	PP	0.1cc
⊕ Z-150-C159F	PP	0.15cc
⊕ Z-200-C159F	PP	0.2cc

* Back-suction models. * In order to distinguish the Z-100/150/200, please see CAPS/ACCESSORIES p.1 of Extra Issue 2018.



Product Name	Material	Dosage
⊕ Z-100-C186F	PP	0.1cc
⊕ Z-150-C186F	PP	0.15cc
⊕ Z-200-C186F	PP	0.2cc

* Back-suction models. * In order to distinguish the Z-100/150/200, please see CAPS/ACCESSORIES p.1 of Extra Issue 2018.



Product Name	Material	Dosage
L24-150(beak-shaped/smooth)	PP	0.15cc

* A ribbed type is also available.
* 2433: the inner shape is dodecagon.



Product Name	Material	Dosage
⊕ Z-100-C093F	PP	0.1cc
⊕ Z-150-C093F	PP	0.15cc
⊕ Z-200-C093F	PP	0.2cc

* Back-suction models. * In order to distinguish the Z-100/150/200, please see CAPS/ACCESSORIES p.1 of Extra Issue 2018.



Product Name	Material	Dosage
⊕ Z-100-C160F	PP	0.1cc
⊕ Z-150-C160F	PP	0.15cc
⊕ Z-200-C160F	PP	0.2cc

* Back-suction models. * In order to distinguish the Z-100/150/200, please see CAPS/ACCESSORIES p.1 of Extra Issue 2018. * Also fit PCV-431



Product Name	Material	Dosage
⊕ Z-100-C185F	PP	0.1cc
⊕ Z-150-C185F	PP	0.15cc
⊕ Z-200-C185F	PP	0.2cc

* Back-suction models. * In order to distinguish the Z-100/150/200, please see CAPS/ACCESSORIES p.1 of Extra Issue 2018.



Product Name	Material	Dosage
L24-150(smooth)	PP	0.15cc



Product Name	Material	Dosage
L24-150(ribbed)	PP	0.15cc



Product Name	Material	Dosage
L24-150(beak-shaped/ribbed)	PP	0.15cc

* 2433: the inner shape is dodecagon.



Product Name	Material	Dosage
L24-150D	AL, PP	0.15cc

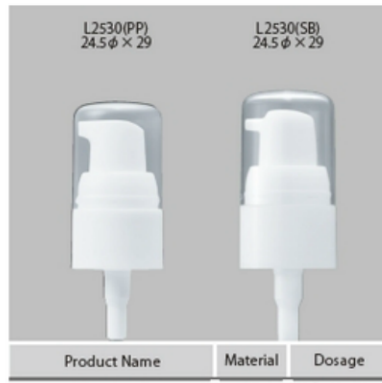
* The height figure includes a closure seat flange 2.5mm in height.
* L2245, L2471 are vacuum-metallized models.

● For notes on imported items, see page 5.



Product Name	Material	Dosage
L24-150DX	AL, PP	0.05cc

* The height figure includes a closure seat flange 2.5mm in height.
 * L2245, L2471 are vacuum-metalized models.



Product Name	Material	Dosage
L25-150	PP	0.15cc
L25-150(beak-shaped)	PP	0.15cc



Product Name	Material	Dosage
L30-150	PP	0.15cc

Z-500 (IB-500/TB-24)
 DISPENSER FOR ATOMIZER BOTTLE OPENING
 (DROP TYPE)
 General-purpose dispensers
 fitting many bottles

■ pumps can be colored optionally from the basic colors.
 (Lot size: 1,000 and up) please see CAPS/ACCESSORIES p.20 of Standard 2017. Part names (materials) shown above the pictures are for top caps and over caps. Sizes [mm] include the caps. These dispensers are not for every bottle. For more details, contact us. Z-700 suitable for highly viscous contents can be provided.



Product Name	Material	Dosage
Z-500-C182	PP	0.5cc
Z-700-C182	PP	0.7cc
Z-1000-C182	PP	1.0cc

* Back-suction models. * In order to distinguish the Z-500/700/1000, please see CAPS/ACCESSORIES p.1 of Extra Issue 2018.



Product Name	Material	Dosage
L28-500(smooth)	PP	0.5cc

* L2840 also comes in PP.



Product Name	Material	Dosage
L28-500(ribbed)	PP	0.5cc
L28-1000	PP	1.0cc

* L2840 also comes in PP.
 * The L28-1000 is ribbed without exception.



Product Name	Material	Dosage
L28-500D	AL, PP	0.5cc
L28-1000D	AL, PP	1.0cc

* The height figure includes a closure seat flange 3mm in height.



Product Name	Material	Dosage
L28-500DX	AL, PP	0.15cc

* The height figure includes a closure seat flange 3mm in height.

Z-100
 DISPENSER FOR ATOMIZER BOTTLE OPENING
 (MIST-TYPE)
 General-purpose dispensers
 fitting many bottles

Part names (materials) shown above the pictures are for top caps and over caps. Sizes [mm] include the caps. These dispensers are not for every bottle. For more details, contact us.



Product Name	Material	Dosage
P22-50	PP	0.05cc

* L2230 also comes in PP.
 * L2235 also comes in PP.



Product Name	Material	Dosage
P22-50D	AL, PP	0.05cc

* L2331 also comes in PP.
 (The height figure includes a closure seat flange 2.5mm in height.)



L2234(AS)
28 φ × 25.5 φ × 44.5

L2231(SB)
25.6 φ × 44.5

Product Name	Material	Dosage
P22-50DX	AL, PP	0.05cc

* L2331 also comes in PP.
(The height figure includes a closure seat flange 2.5mm in height.)



Part names (materials) shown above the pictures are for top caps and over caps. Sizes [mm] include the caps. These dispensers are not for every bottle. For more details, contact us.



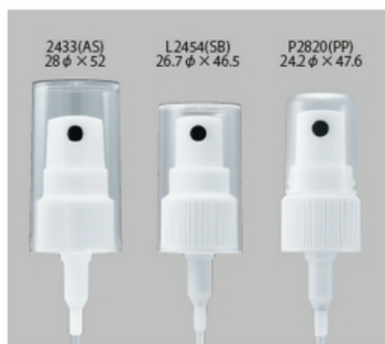
Product Name	Material	Dosage
Z-105-C105F	PP	0.1cc
Z-155-C105F	PP	0.15cc
Z-205-C105F	PP	0.2cc

* This family includes the Z-100/150/205-C104F drop type and the Z-500/700/1000-C151 dispensers, coming in a different size. In order to distinguish the Z-105/155/205, please see CAPS/ACCESSORIES p.1 of Extra Issue 2018.



Product Name	Material	Dosage
Z-105-C144F	PP	0.1cc
Z-155-C144F	PP	0.15cc
Z-205-C144F	PP	0.2cc

* In order to distinguish the Z-105/155/205, please see CAPS/ACCESSORIES p.1 of Extra Issue 2018.



Product Name	Material	Dosage
P24-80	PP	0.08cc

* 2433: the inner shape is dodecagon.



Product Name	Material	Dosage
P24-80D	AL, PP	0.08cc

* L2440 also comes in SB (L2441).
(The height figure includes a closure seat flange 3mm in height.)



Product Name	Material	Dosage
P24-80DX	AL, PP	0.08cc

* L2440 also comes in SB (L2441).
(The height figure includes a closure seat flange 2.5mm in height.)



Part names (materials) shown above the pictures are for top caps and over caps. Sizes [mm] include the caps. These dispensers are not for every bottle. For more details, contact us.



Product Name	Material	Dosage
P28-150	PP	0.15cc

* L2840 also comes in PP.



Product Name	Material	Dosage
P28-150D	AL, PP	0.15cc

* (The height figure includes a closure seat flange 2mm in height.)



Product Name	Material	Dosage
P28-150DX	AL, PP	0.15cc

* (The height figure includes a closure seat flange 2mm in height.)



Sizes [mm] are shown above the pictures.
 These stoppers are not for every bottle. For more details, contact us.



Product Name	Material	Dosage
Z-3000-C171	PP	3.0cc

* Back-suction models.
 * A top surface with no embossing (Z-3000-C169) is also available.
 * A smooth model (Z-3000-C172) is also available.
 * Rotation-lock models.



Product Name	Material	Dosage
Z-3000-C173	PP	3.0cc

* Back-suction models.
 * A top surface with no embossing (Z-3000-C175) is also available.
 * A smooth model (Z-3000-C174) is also available.
 * Rotation-lock models.

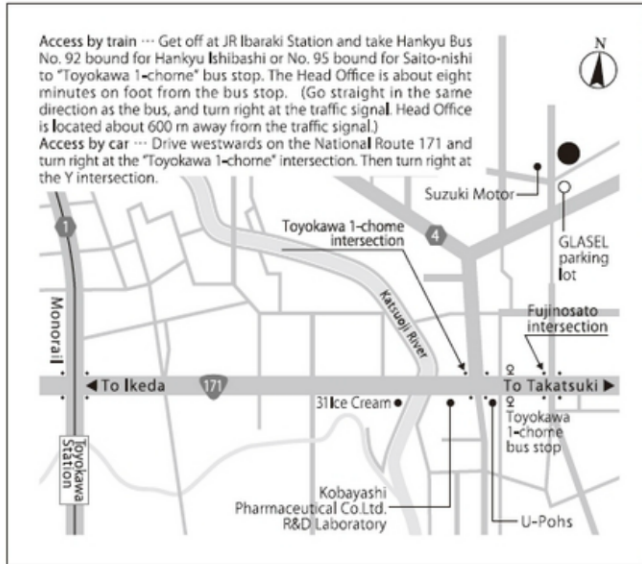
AI TUBE Table of tube lengths

Approximate capacity [ml]	Tube diameter						
	12.7 φ	15.8 φ	19.0 φ	24.7 φ	32.0 φ	37.2 φ	24.7 oval
3	45						
5	65	50					
8	90	65	55				
10		80	65				
15		105	85	60			80
20			100	75			95
25			115	90			105
30				105			120
35							130
40				120			145
50				135	95		
60					110	95	
70					125	105	
80					140	115	
90					155	125	
100					170	135	
110					185	145	
120						155	
130						165	
140						175	
150						185	
160						195	
170						205	



GLASEL CO.,LTD.

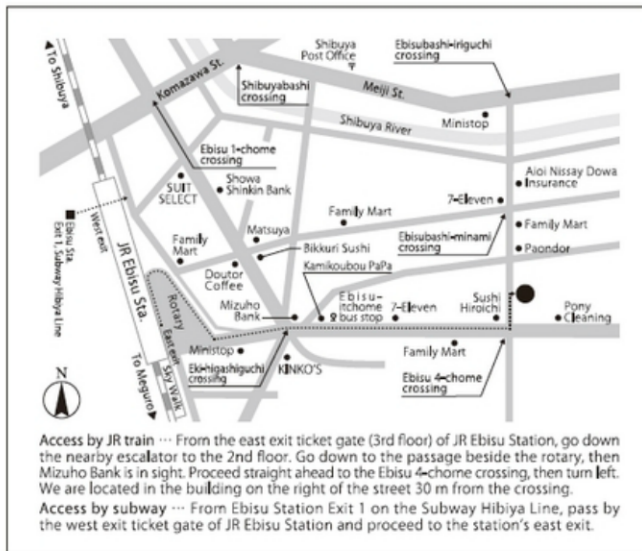
www.glasel.jp



Head Office

2-5-10 Shukunosho, Ibaraki-city, Osaka 567-0051 Japan

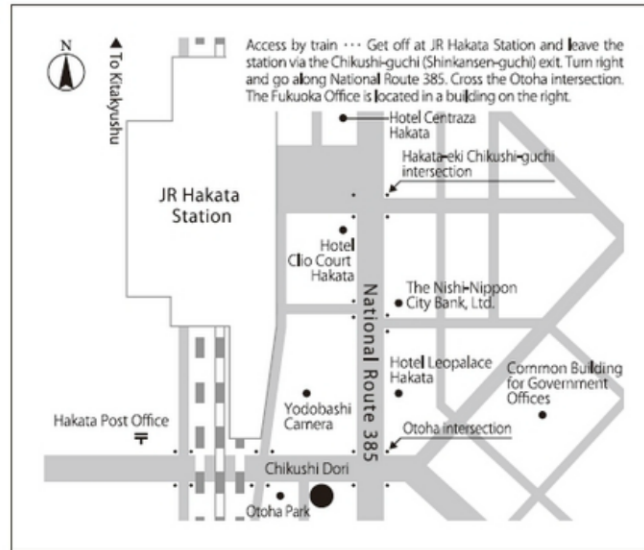
TEL +81-72-640-5678 (Main number) FAX +81-72-640-5600 (Main number)



Tokyo Branch

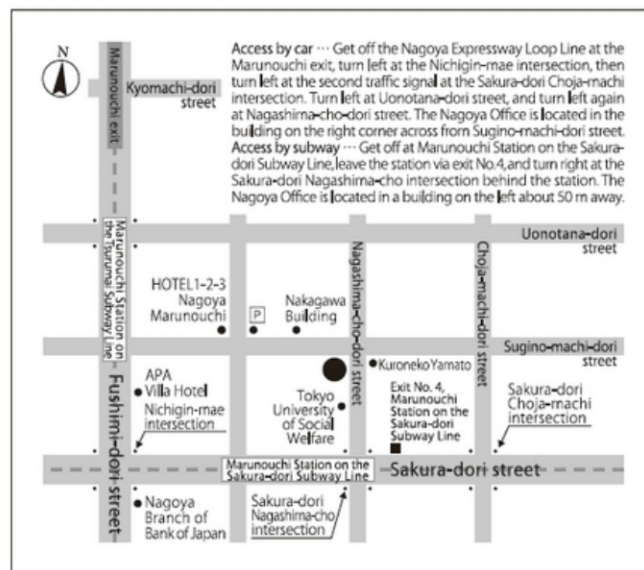
4F, Ebisu Square, 1-23-23 Ebisu, Shibuya-ku, Tokyo 150-0013 Japan

TEL +81-3-5423-8865 FAX +81-3-5423-8864



Fukuoka Office

3F Hakata1091 Bldg., 1-2-2 Hakata Station South, Hakata-ku,
Fukuoka 812-0016 Japan
TEL +81-92-415-6636 FAX +81-92-415-6637



Nagoya Office

602 Gojinsha-Nagoya Marunouchi Bldg., 2-18-11 Marunouchi,
Naka-ku, Nagoya-city, Aichi 460-0002 Japan
TEL +81-52-204-1233 FAX +81-52-204-1235

Mock Labo

15-10 Koyanagi-cho, Ibaraki-city, Osaka 567-0852 Japan
TEL/FAX +81-72-665-8666

GLASEL (THAILAND) Co.,LTD. [Affiliated company]

122 / 23 Moo 6, Tambon Bang Phriang, Amphoe Bang Bo,
Samut Prakarn, 10560 Thailand
TEL +66-2-136-2303 FAX +66-2-136-2305



English

www.glasel.jp



GLASEL

GLASEL CO.,LTD.