

INTRODUCTION

Exhibiting Product Table 1

Exhibiting Product Table 2

We help skincare, personal care, beauty, and cosmetic companies to build measurable success with advanced technology and high efficiency.

Kevin Han
sales@srpackaging.com



第12回 化粧品開発展 東京

COSME Tech 2022 TOKYO



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Booth : 8-8



Tokyo Big Sight

Build measurable success with advanced technology and high efficiency.

We are the packaging producer with a contemporary, efficient factory, and a warehouse brimming with numerous stock products created from proprietary molds. We devote ourselves to providing complete project planning for our customers.

The packaging sector is very competitive, our key differentiating characteristic is that we always stay two steps ahead of the industry. We are more aggressive when it comes to pursuing new design concepts and making technological breakthroughs.

Keeping up with market trends and staying ahead of the curve is both challenging and immensely satisfying. Watching the evolution of the packaging industry is genuinely interesting, it clearly reflects societal and commercial values. We feel the anxiety and take the responsibility to avoid harmful activity to the environment. By innovating packaging design, we program our better future with sustainable action.



The start, the progress, and the future of SR Packaging's sustainable plan

SR Packaging was founded in 1989, the same year that The Langkawi Declaration on the Environment was issued, people were informed of concerns of global warming, land degradation, marine pollution, species extinctions, and such. The outcry of struggling for “Sustainable development”, “Environmental-friendly”, “Save the Earth” were everywhere. There were people and organizations doing the effort relentlessly to make a change. Gradually, the real action made by governments started, and legislate to ban irresponsible plastic abuse that had made severe damages to this planet for decades.

The action started in 2006 via collaborations with brands. The Body Shop was the first company contacted SR Packaging and looked for post-consumer recycled solutions. Since then, SR Packaging initialized its long term plan of converting all its plastic materials to be available with post-consumer recycled resin, and at the same time, adopts biodegradable materials for the next alternative... With years of development, earlier in 2019, SR Packaging completes another task of creating PCR Airless Bottle which is believed to be the first in the world.



Table 1

PCR Packaging

POM-free BB pump

DURA-21 pump

Gradients

ECO Airless

ECO Airless Shuttle

ECO Airless AMARI

ECO Airless RePod

Table 2

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Post-Consumer Recycled PCR packaging

For years, SR Packaging has provided PCR packaging to many companies around the world. Its bottles, tubes, jars, and airless packs are all made of PCR plastic. SRP has actual production information for its manufacturing of PCR packaging and has prepared a product sample box with different percentages of PCR content for review.

The PCR Packaging Sample Box contains:

PP Cap (0%, 25%, 30%, 50%, 100% PCR)

White PE Tube (0%, 25%, 30%, 50%, 100% PCR)

Transparent PE Tube (0%, 25%, 30%, 50%, 100% PCR)

Clear PET Bottle (0%, 10%, 20%, 30%, 40%, 50%, 60%, 70%, 80%, 90%, 100%PCR)

The PCR Packaging Sample Box is prepared for companies that are ready to support the Earth with sustainable business decisions.



POM-free BB pump

[link to Type](#)[link to Type II](#)

Table 1

Table 2

POM-free BB pump for oil-based formulae

BB pump (Benefits for Beauty) is ideal for oil-based formulae of cosmetic cleansing oil, makeup remover, and variants of skincare oil products.

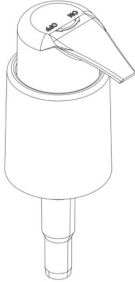
POM-free and EU-compliant, uphold a commitment to consumer health

Polyoxymethylene (POM) is known to form formaldehyde when it degrades and exists in dispensing pump or sprayer mechanisms. POM can have undesirable characteristics when burned and releases formaldehyde gas, which irritates the nose, throat, and eye tissues.

Removing POM from BB Pump makes it a safer packaging solution for consumer health.

Smaller dosage, sophisticated and economical

The previous back suction pumps are 1.0 cc and 0.7 cc, and are eminent for many beauty brands. With the emerging oil-formulae product variations, companies are seeking alternatives for diversified skincare solutions. Hence, the smaller dosage of 0.5 cc is now available for more sophisticated and economical solutions.

BBポンプ I 型番号	CHS7005L2-0	
吐出量	0.5cc	
ネックサイズ	24/410	
内径 / 外径	24mm / 28mm	
適用製品	オイルタイプの液体	

BBポンプ II 型番号	CHS7085	
吐出量	0.7 cc	
ネックサイズ	24/410	
内径 / 外径	24.6 mm / 29 mm	
適用製品	オイルタイプの液体	

Anti-Leak Dispensing

- **Integrate a reliable dispensing pump**
- **Target repeating usage**
- **Win consumer trust**

The PBT-made DURA-21 pump takes an unremittable role in SRP's Back Suction Pump Collection built for low-viscosity liquid with no dripping, leaking, or seeping.

The chemical-resistant PBT plastic is mechanically strong, opted for the component of the passageway of content delivery of a dispensing pump, supplementarily ensuring leakage-proof product dispensing for the high-performance makeup remover.

DURA-21 Pump	CHS7003F4
Output	1 cc
Necksize	24/410
I.D. / O.D.	24.3 mm / 28.5 mm
Application	Oil-based formulae



Gradient Decoration

Exquisite color gradation is as mysterious as an aurora. The characteristic charm optimizes packaging design with incredible visual impact. It is the detailed and layered coating technology that helps companies to enhance packaging decoration with ever more possibilities, through SR Packaging's capability to achieve impeccable gradient shades incorporating customized requests.

Gradient

The outcome of a flawless two-tone gradient treatment can be completely opaque to entirely cover the component's original color.

Translucent Gradient

This gradient utilizes a fine layer of color coating to elevate the visual impression. It allows the original component color to show gradually from one end of a product to the other.

Vac Met Gradient

The selective metalizing treatment creates a gleaming cover on the component and allows the color of the plastic to be revealed beneath.



ECO Airless Sprayers, unlock beauty design potentials

Creativity

The ECO Airless system has a thin layer inside the bottle, creating a unique bag-in-bottle system. It allows packaging designers to embrace the total freedom of bottle shaping creation, a canvas that brand designers value.

Versatility

ECO Airless Bottle realizes a complete clean beauty line by offering a 100% vacuum-sealed bottle with two advanced dispensing options. Airless pump or airless sprayer, various product formats, and formulation types can all be well protected. Consumers also benefit from airless dispensers. The strawless liquid dispensing allows a 360° usage with no angle limitation, even up-side-down.

Sustainability

ECO Airless can be a PCR Airless by swapping 75% virgin plastic with post-consumer recycled resin that reduces carbon and energy footprints by 85%. Unlike the syringe type airless, the ECO Airless uses 70% less plastic thanks to its simplified yet effective bag-in-bottle system.

SR ECO Airless Sprayer

Creativity. Versatility. Sustainability



all in one Airless Shuttle

A 3-step skincare routine comprises basic yet essential items to addressing key beauty concerns, and brands are looking for a simple solution for users to access the necessities in the easiest way possible while at the same time incorporating clean beauty needs.

Hence, the Airless Shuttle is here, and it's getting even better now with an airless sprayer.

- ✓ 100% vacuum-sealed protection
- ✓ Cuts down 70% plastic
- ✓ Uses 70% post-consumer recycled resin
- ✓ Ocean-friendly strawless (dip-tube free) packaging
- ✓ No preservative
- ✓ Transparent ingredients
- ✓ Clean Beauty

Airless Shuttle
gets even better
+airless sprayer



AMARI**Eco Airless Bottle features an on-off twist-lock dispenser**

AMARI is the minimalist, streamlined style Eco Airless Bottle featuring a sleek dispensing airless pump of an on-off twist lock. The refillable design enables users to replace the emptied bottle with a new filled one, green merchandise with an appealing packaging design.

Initially, it is built for gender-neutral skincare solutions as the beauty trend has slowly shifted beyond gender differentiation. More and more companies are providing personal care solutions both for men and women based on specific skin conditions.

As of today for many, improving self-esteem by using beauty products is no longer a privilege but a daily routine.



AMARI ref. CH57084L-2	
spare	component
OFC 76 ml	Twist-lock Airless Pump PP
H 116.2 mm	Reusable case PET
Dia. 47.2 mm	Refillable ECO Airless Bottle
Design 0.2 ml	(available with PCR option)

Refillable ECO Airless Jar, RePod

The ECO Airless evolves from bottle to jar. It is a stylish change for the clean beauty and non-toxic skincare sector, and all components are separable for easier refilling or post-consumer recycling.

ECO Airless has been around for years, and it's becoming a trend for beauty world followers. Inheriting all the ECO Airless benefits, the new refillable ECO Airless Jar - RePod offers a better and efficient way for daily usage, refills, and recycling.

The Jar itself is SRP's patented ECO Airless technology that benefits from the two-wall structure. A thin inner film as a 100% vacuum-sealed pouch protects the delicate product and active ingredient. A sturdy impact-resistant wall can be 75% post-consumer recycled resin or recycled ocean waste plastic.



Table 2

Chemical Recycled Resin

Mono-material packaging

ABL Tube

POLYLAMI Tube

Plastic Tube

Mini Tube

Table 1

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With recycling technology advancements, chemical recycling illuminates the quality of post-consumer plastics for skincare packaging applications.

What is CRR?

Chemical recycling is a process of decomposing plastic waste into a monomer state, then used for producing polymer plastics. Compared to mechanical recycling methods, chemical recycling prevents the deterioration of plastic while enabling recycling in a repeated manner.

Chemical recycling resin is an eco-friendly copolyester of high transparency that is PET-compatible and certified for compatibility with RIC 1 recycling stream.

Benefits of using chemical recycling resin

- ✓ Transparency and Clarity
- ✓ Chemical resistance
- ✓ Certified for compatibility with RIC 1 recycling stream
- ✓ Low crystallization rate for thick wall design
- ✓ FDA, efsa, JHOSPA, approved for food contact
- ✓ Complies with European Parliament and Council Directive 94/62/EC: on packaging & packaging waste



Mono-material packaging

[link](#)

Table 1

Table 2

The mono-material packaging helps to enhance the recycling rate, is an effortless green action for beauty and skincare companies to take.

Better plastic waste management starts with a mono-material packaging design

The traditional mechanical recycling method can be efficient for continuous looping only with the appropriate use of the system. A mono-material packaging plus RIC (Resin Identification Code) marking are easily recyclable and achievable for most consumer product packaging.

Today, Reduce, Reuse, and Recycle are part of the lifestyle. Beauty, skincare, and cosmetic companies focus on simplified design, using less material, and enhancing recyclability. Opting for mono-material packaging can be a positive start.

The PET bottles and jars listed in the SR Packaging catalog are mono-material concepts. Here are PP jars and PET jars lining up a set of volume variations, but each differs a bit in size. All options are available with PCR resin.



	15 ml	30 ml	50 ml	100 ml	120 ml	150 ml	200 ml
PP jar	H. 47 mm Dia. 42 mm	H. 47 mm Dia. 55 mm	H. 53 mm Dia. 65 mm	H. 60 mm Dia. 79 mm	H. 64 mm Dia. 79 mm	H. 57 mm Dia. 95 mm	H. 64 mm Dia. 95 mm
PET jar	H. 37 mm Dia. 44 mm	H. 44 mm Dia. 52 mm	H. 54 mm Dia. 61 mm	H. 50 mm Dia. 74 mm	H. 56 mm Dia. 74 mm	H. 60 mm Dia. 74 mm	

The aluminum barrier laminate tube, or ABL tube, is being widely used for oral care, healthcare, personal care, and pharmaceuticals. Comprising of aluminum/PET foil and PE, the ABL tube is equally compatible with solvent-based acid or alkaline products.

The impermeable and impenetrable properties of foil provide superior protection to contents, keeping them fresh and uncontaminated even through long periods of intermittent use.



ABL Tube production

Laminate

Decorate

Side Seam

Cutting, Heading,
and Capping

Quality
Control



POLYLAMI is the ABL tube coated in the PE layer for extra protection. Comparing to ABL tube, the key differences of POLYLAMI are:

- Scratchproof
- Invisible side seam
- Diversified surface treatment



POLYLAMI production

Laminate

Decorate

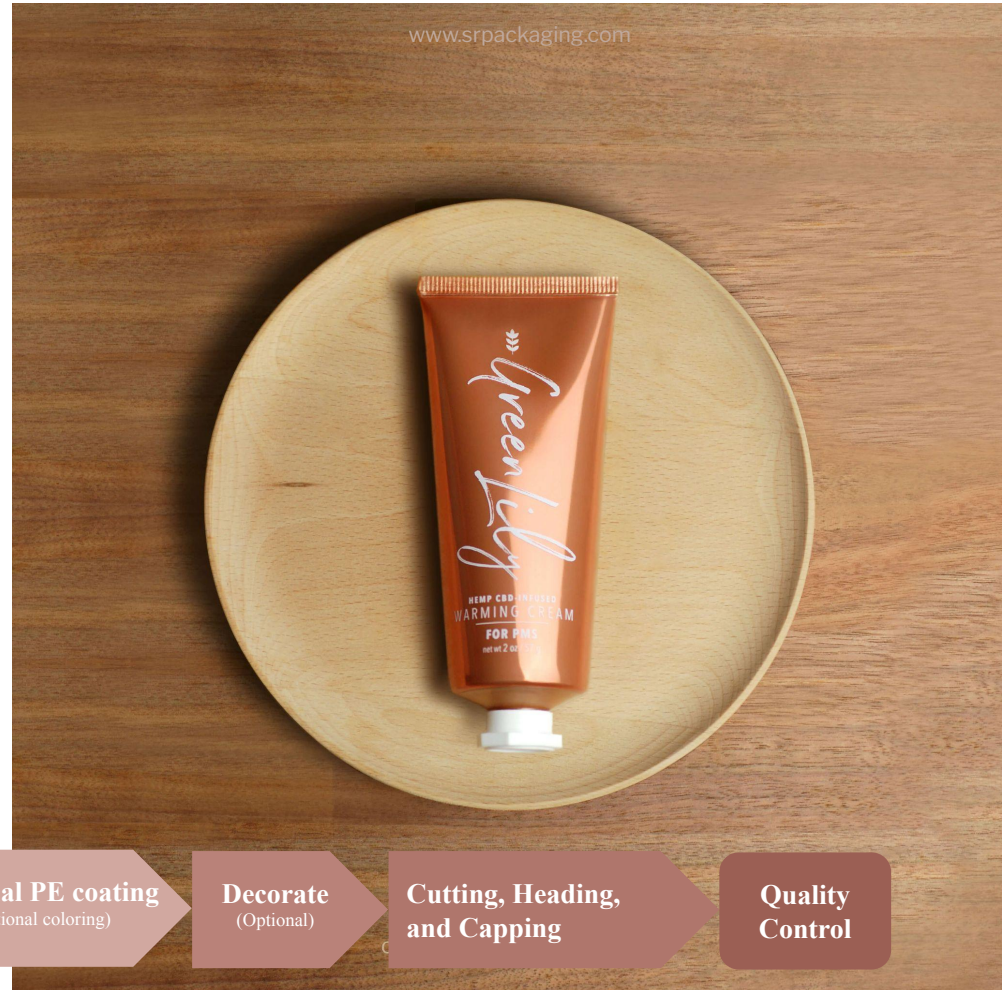
Side Seam

External PE coating
(Optional coloring)

Decorate
(Optional)

Cutting, Heading,
and Capping

Quality
Control



Plastic tube packaging benefiting from its volume, size, and decoration flexibility is one of the most adopted packaging applications for the beauty, skincare, and cosmetic business.

The five-layered co-extrusion plastic tube (PE-Adhesive-EVOH-Adhesive-PE)

EVOH is an excellent gas barrier and is also oil and solvent-resistant. By co-extruding PE with EVOH, the 5-layer tube benefits from the low permeability to oxygen and is mostly used for sensitive cosmetics and pharmaceuticals to prevent deterioration by contact with air.



Co-extrusion Plastic Tube process

Co-extrusion

Heading

Decoration

Capping

Quality
Control

Recyclable mono-material snap-off mini tube, Dia. 10 mm

The single-dose, mono-material mini tube packaging is ideal for the skincare giveaway samples and the advanced treatments of the beauty, cosmeceutical, and pharmaceutical sectors. And it's recyclable!

Material available with earth-friendly options	✓ PE ✓ PCR PE ✓ Green PE (renewable biomass plastic, the by-product of sugarcane)
Volume	2 ml ~ 5 ml
Length of Tube	40 mm ~ 80 mm
Closures	Easy Snap-off (not re-pluggable)
Colors	Customizable
Decorations	Offset, silkscreen, hot stamping, and flexographic printing. Labeling.
Applications	Beauty & Cosmetics, Personal Care, Hair Care, Pharmaceuticals
Applicable Products	Hair dye mix, medical ointments, skincare serum, body lotion, foundation





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Shanghai
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