

ALUMINUM AND THE ENVIRONMENT: THE RIGHT CHOICE!

Anomatic remains a strong force in the industry, specializing in processing aluminum for markets including fragrance, cosmetics (personal care products, makeup, and skincare), pharma, and the wine and spirits sectors. The group is reaping the rewards of its strategy that focuses on continual investments and enhancements in capability around aluminum, all while maintaining a strong commitment to sustainability and the environment. The result is growing demand from around the world, especially in Europe, developing traction with high-end luxury brands.

With today's everchanging environmental challenges, Anomatic's packaging solutions speak for themselves when it comes to sustainable offerings. About 75% of all aluminum produced is still being used today, as it is an infinitely recyclable element. Recycling aluminum requires 95% less energy and generates 92% fewer greenhouse gases than producing new aluminum. Aluminum is a very versatile material and is easy to process into a variety of shapes and designs. It is one of the stronger metal elements, but at a lower density – providing luxury, durability and environmental benefits.

Anomatic is fully committed to the environment. This responsibility is reflected in the materials they use and in the industrial choices they make. In partnership with Novelis, the world's leading aluminum



recycler, Anomatic developed and launched the Evercycle™ alloy for metal forming. The SCS-certified material features 100% recycled content, with its 2024 SCS certification guaranteeing a minimum of 94% recycled content, the balance being PIR content. Not only does this product feature PCR material, which is high on brands' agendas for sustainability, it is also has a lower GHG impact for manufacturing. This is just one of their many of Eco-Alloy product offerings – all of which have a focus on either PCR content

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Eco-ALLOY PRODUCT OFFERINGS

Anomatic is leading the charge for sustainability by offering a variety of Eco-Alloy options.

Let us help determine the right solution for you!

PRODUCT	RECYCLE CONTENT	GHG EMISSIONS (PER TON ALUMINUM)	PROCESSING/ MFG PROCESS	AESTHETICS
Evercycle™	PCR - 94% * Total - 100%	1.0 MT GHG (MTCO2e) 89% reduction from industry avg.	100% recycle content	Similar to "Low Pure" Good Satin and Matte finishes. Medium Brightness.
"HRC" (High Recycle Content)	PCR - 68% Total - 68%	5.3 MT GHG (MTCO2e) ² 41% reduction from industry avg.	High recycle content. Balance virgin material.	Similar to "Low Pure" Good Satin and Matte finishes. Medium Brightness.
"Low GHG" High Pure	PCR - 0% Total - 0%	3.5 MT GHG (MTCO2e) ¹ 61% reduction from industry avg.	Certified Hydroelectric power	Similar to "High Pure". Not recommended for Satin and Matte finishing
High Pure	PCR - 0% Total - 0%	8.96 Ton GHG (MTCO2e) ³	Virgin material	Higher Brightness. Not recommended for Satin and Matte finishing
Low Pure	PCR - 0% Total - 0%	8.96 MT GHG (MTCO2e) ³	Virgin material	Good Satin and Matte finishes. Medium Brightness.
Aluminum Industry Standard (Aluminum.org 2022 LCA report)	PCR - 0% Total - 0%	8.96 Ton GHG (MTCO2e) ³	Virgin material	—

¹ 2022 Novelis Sustainability Report

² US EPA ReCon (Recycled Content) Tool V5.0

³ Aluminum.org 2022 LCA Report

*SCS 2024 Certification - 94% PCR, 6% PIR

EDITORIAL



Eric Leray

Vice President of Sales

OUR STRENGTHS!

As this year 2024 begins, our industrial and commercial strengths are important as well as our continuous advancements in innovation.

First, we have expanded our sustainable alloy product offerings with alloys that contain PCR as well as products produced with lower GHG footprints. Our unique and exclusive Evercycle™ material contains 100% recycled content, with its 2024 SCS certification guaranteeing a minimum of 94% recycled content, the balance being PIR content. We have already launched our first large-scale application in the U.S. beauty sector. In addition, we have expanded our eco-friendly stock packaging range to include a new size of our all-aluminum 2-piece jar lid – a 33/400 suitable for 7mL jars.

When it comes to our other strengths, our customers and prospects are clearly seeing us in a new light. We used to be considered only as a component supplier for pumps and cosmetic packaging, but now, our metallization, decoration, and injection molding capabilities position

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Summary

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OUR STRENGTHS !

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us to provide a full packaging solution for the world's leading brands.

While we continue to be a key component supplier to major beauty brands, it's our vertical integration that allows us to support customers on a larger scale. Some recent applications include the full package solution for La Mer's The Lip Balm, as well as full finished caps for high-end fragrances, all produced in-house. We are now considered a one-stop-shop packaging supplier.

Customers are supplementally reassured by the fact that we perform all our metal tooling design and development in-house at our Naugatuck, Connecticut, facility. This is our center of excellence for metal stamping and development, with millions invested in state-of-the-art equipment to provide speed to market.

Now more than ever, customers know they can depend on Anomatic as a supplier of high-quality and innovative packaging solutions. We are also considered to be a leader in the metals industry in terms of sustainability. With continued advancements and investments in the pipeline, we look forward to continuing our mission to provide high-end innovative solutions with a focus on sustainable products and processes.

Eric Leray

Vice President of Sales

CAPITALIZING ON THE BENEFITS OF ALUMINUM

The beauty and cosmetics industries are focusing more and more on the environmental benefits of aluminum.

With 75% of aluminum already produced still in use today, it is also the Earth's most abundant element, making it an exceptional material for use in packaging. The anodization process does not impede recyclability and still allows for a more premium look to packaging with its color brilliance and variety of finishes. Customers benefit from its exceptional environmental performance as well as its aesthetic appeal.

With a wide selection of eco-alloy offerings, Anomatic has options to explore for customers and brands to hit their marketing and sustainability goals. Whether your sustainability story is to focus on PCR content, reduction in GHG or even mono-material constructions, Anomatic is a one-stop-shop.

The aforementioned exclusive Evercycle™ aluminum material is a perfect example. Developed in partnership with Novelis, it guarantees just 1.0 MT of GHGs (MTCO2e) emissions in the manufacturing process, which is an 89% reduction in GHG compared to the industry average. If your brand focus is on incorporating PCR into your packaging, the Evercycle™ alloy containing 100% recycled content. In the most recent 2024 certifications from SCS, material lots have been at 94% PCR content – unparalleled in the industry. This alloy can be used for any of Anomatic's mono-material stock line 2-piece jar covers, as well as in most customized mono-material packaging.

WINES AND SPIRITS: THE ANOMATIC SOLUTION

The spirit industry is a frontrunner in the drive for sustainability with an increasing focus on packaging and efforts to minimize waste, move to recycled and recyclable materials and reduce carbon footprint.

Anomatic is uniquely positioned to support the industry in ways that check all the boxes: regional manufacturing, sustainable materials including various recycled aluminum, and eco-friendly production that still delivers premiumization.

Our stock 28mm and 33mm Aluminum Overshell for TE Closures are customizable without compromising speed-to-market and offer a fully sustainable solution when produced in our exclusive Evercycle™ aluminum.

Eco-Friendly Metallization can take a standard plastic bar top head and make it



shine! Or metallize a tamper-evident roll-on-pilfer-proof closure (ROPP) to really stand out on the shelf. Anomatic's automated metallizing line has low VOC emission compared with 40%-60% VOC on traditional systems. We operate with high efficiency resulting in low energy consumption and less waste.

Whether your brand image calls for solid colors, striking iridescence or gradient finishes, Anomatic can deliver a premium, eco-friendly solution, locally.

New



Piece All-Aluminum Jar Lid – This is part of Anomatic's eco-stockline and is available in the following sizes: 33/400 (7mL jar), 40/400 (15mL jar), 53/400 (50mL jar). These pair perfectly with Verescence stock Cleopatra glass jars. A fully recyclable and patented solution!

La Mer, The Lip Balm – This is a complete package solution from Anomatic with all components produced in house from the injection molded custom PET-G jar, molded inner for the lid, as well as stamped, laser engraved and anodized metal lid.



La Mer Treatment Lotion – This is a custom two-piece anodized aluminum and injection-molded cap. It is a luxury item that is amplified by a very heavy 100% PCR PP weighted inner.

Christian Siriano Ohh La Rouge Fragrance – Anomatic produces the gold anodized aluminum collar with screen printed logo. These subtle details evoke plenty of oh-la-la's.



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lower GHG footprint. This is a major step forward in promoting a circular economy for the beauty and cosmetic packaging industry. Anomatic currently returns scrap to Novelis for reuse in the process of new material.

In addition to their sustainable alloy product offerings, Anomatic is working towards developing packaging solutions that feature all-aluminum mono-material designs both in stock forms and fully customized designs. They recently launched a third stock size of their 2-piece all-aluminum jar lid system which can be paired with a glass jar to promote a fully recyclable premium solution for the skincare sector.

Anomatic has a continued emphasis on not only promoting sustainable products and offerings to customers but also in looking inwardly at their processes. About 75% of the

phosphoric acid used in their anodizing process is captured and reused directly in their process – the rest is contained and safely sent to a third party for recycling. They also reclaim 75% of their sulfuric acid in the process as well. There are several additional initiatives in the queue working toward reducing water usage, developing recycled plastics and plant-based resins, as well as evaluating other chemical recycling options.

At the forefront of the Anomatic advantage is their patented anodizing technology that uses a continuous conveyor belt to ensure that every unit, from the first to the millionth, is processed the same ensuring consistency and quality of color and finish throughout the production. Anomatic has built their anodizing reputation on quality and their ability to achieve

limitless color options and finishes for brands.

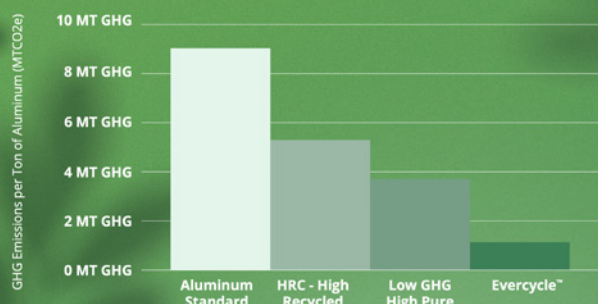
In addition to their anodizing and metal stamping expertise, Anomatic is also integrated in injection molding, assembly, metallization, and decoration. The acquisition of their injection molding facility in 2019 further enables them to enhance the supply chain for current componentry requiring a molded part, as well as provide full packaging solutions to the market. Their in-house manufacturing and engineering team works hand-in-hand with their development team to design all tooling, machinery and equipment in house to further promote downstream automation in their assembly processes - a clear advantage in the market to be able to do all design in house.

To further support market ambition for premiumization, Anomatic invested in new vacuum metallization sputtering system in 2015. Housed in their New Albany, Ohio, facility, this was the first of its kind in the U.S., and the technology allows for exceptional control of the metallization and VOC output. Like in their anodizing, Anomatic can achieve any metallized or lacquered color, and the sputtering technology allows for a variety of decorating techniques that can specialize products – whether on plastic or aluminum components.

In addition to metallizing, they also have decoration capability for either pre- or post- anodizing, to create unique effects and premium branding. Their decorating capabilities include laser engraving, screen printing, pad printing, hot stamping, flexographic and offset printing.

Reducing GHG FOOTPRINT

Our Eco-Alloy products include PCR content options as well as reduced GHG emission materials.



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² US EPA ReCon (Recycled Content) Tool V5.0

³ Aluminum.org 2022 LCA Report

Anomatic



HRC - High Recycled content is a 41% reduction from industry standard.



Low GHG High Pure material is a 61% reduction from industry standard



Evercycle™ material is a 89% reduction from industry standard



New



Clinique Black money Lipstick - Simple and elegant anodized tube, ferrule, and cap with recessed logo to capture the brand's identity.

L'Oréal Lash Paradise: This is a custom stamped and anodized aluminum cap with recessed top logo and stamped side logo that is rolled in during the metal forming process.



Olay Regenerist Jar Cover - This is a plastic molded part that is metallized and lined in-line. This eye-catching premiumization can make all the difference, and the process is a perfect example of the commitment to reduce their carbon footprint through in-line, post-metallization operations.

Philosophy Fragrance Cap - This is a friction-fit slip cap to add a premium look and simple sophistication.



A GLOBAL PRESENCE

Anomatic's commitment to sustainability and the environment has generated real market interest in North America, Europe and Asia. Their customers appreciate Anomatic's ability to certify and quantify their goals and benefits. The company is working on several other innovative packaging projects and concepts, including new mono-material caps and closures that will be offered in stock line versions. An update from Eric Leray, VP of Sales with Anomatic.



Europe seems especially interested in Anomatic's offering!

Eric Leray : As we emerged from the COVID-19 pandemic, we were in great demand by our European customers, particularly for pump components and cosmetic packaging. Now more than ever, our flexibility, responsiveness, and expertise — in every trade — have allowed us to forge relationships of trust within the beauty segments and brands. Our customers also appreciate our more regular presence at trade shows, particularly in European outlets. Above all, our unique sustainable developments and offerings are attracting growing interest among major beauty brands. They consider us one of their most innovative partners and suppliers in terms of sustainability, and the most reliable when it comes to service, speed to market and flexibility.

Three of our most advantageous strengths start with what I call "premiumization." Our customers and prospects look to us to upgrade and elevate their products through metallization or anodization. Metal's "cold touch" remains indisputably associated with luxury. The second advantage is regionalization. Our customers and prospects in North America know well that we can offer them local solutions to shorten and simplify their supply chain, thanks especially to our metallization capabilities in the United States. Our

third strength is our ability to address their sustainability concerns. They rely on us to guide them and help them achieve their goals. This is essential.

And Asia?

Eric Leray : Anomatic built the Anomatic Suzhou Metal Packaging (ASMP) plant in Suzhou (near Shanghai) in 2007. This factory meets demand from local customers, including major beauty brands. It offers the same industrial capabilities as we do in the United States except for metallization.

Our Anomatic Suzhou facility also has the same capability to anodize any specific

color or finish. Our customers in the Americas, Europe and Asia highly appreciate our same level of expertise in this field within the Asia market. Our expectation for exceptional packaging is the same as any of our other facilities, and we produce as close as possible to our customers' needs while guaranteeing homogeneous quality at any of our production sites. The Suzhou plant also produces parts for the European market.

For more information, please contact eleray@anomatic.com



*The Anomatic sales team:
Josh Robertson, Jessie Buran, Beth Wicker et Eric Leray.*

Meet us at...



January 17 & 18, 2024 | Paris Expo Porte de Versailles

Booth M132



February 14 & 15, 2024 | Los Angeles Convention Center

Booth B10

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