



Passionate Professional Perfectionist

RESPONSIBLE PACKAGING DESIGNED FOR SUSTAINABILITY

May 2020

THE GROUP



Third Global Leader for the Industrial Production of **Metal Closures** for glass jars and plastic containers.



Since 2017 the Group enters the Aluminium **Aerosol Cans and Bottles** business.



RESULTS

160

MLN EURO
TURNOVER

100

PRESENCE
IN OVER 100
COUNTRIES

8

FACILITIES
IN FIVE
COUNTRIES

3

R&D AND
ENGINEERING
CENTRES

900

EMPLOYEES

INDUSTRIAL FACILITIES AND SALES OFFICES



INDUSTRIAL FACILITIES

- › **ITALY** - Campania - Lazio - Lombardia
- › **SPAIN**
- › **CZECH REPUBLIC**
- › **UKRAINE**
- › **USA** - Ohio
- › **USA** - West Virginia

OPERATING OFFICES

- › **ITALY** - Milan
- › **USA** - New York City

SALES OFFICES

Italy	Israel
France	Morocco
Germany	Tunisia
Croatia	Canada
United Kingdom	USA Rhode Island
Netherlands	USA California
Poland	USA New York
Slovakia	USA Pennsylvania
Rep. of Belarus	USA Illinois
Moldova	USA West Virginia
Romania	Mexico
Russia	Colombia
Greece	Brasil
Turkey	Perù

SUSTAINABILITY AT TECNOCAP – CSR / ESG / <IR>



Tecnocap Group faces the complex challenge of sustainable development by adopting a **strategic plan**, that involves main stakeholders in a common effort to reduce overall impacts of products and operations.



Tecnocap Group promotes and supports **social responsibility** and **empowerment** projects at local level in the territories in which it operates. At same time it's strongly committed in responsible sourcing, waste and emission reduction. R&D department is focused on developing **responsible, sustainable and safe** packaging.



In 2019, Tecnocap issued **its first Integrated Report <IR>** to show the company's ability to create sustainable, economic and social value in the short and long term, considering the relationships between the operating units, the capitals and the functions of the organization.

SUSTAINABILITY AT TECNOCAP – CSR / ESG / <IR>



Tecnocap sustainability plan focuses on **monitoring and reducing CO2** emissions in its operating plants and implementing a life cycle approach, based on the LCA methodology, to design and manufacture safe and sustainable packaging.



The LCA (*Life Cycle Assessment*) methodology allows to know in details the **product environmental impact**, at every stage of its life cycle, so enabling to evaluate, even in advance, the impact of alternative choices. It is an objective method of assessing and quantifying the energy and environmental loads and also the potential impacts associated with a product / process / activity throughout the entire life cycle , from the acquisition of raw materials to the end of life.

ALUMINIUM BENEFITS

- ✓ Lightness, malleability, non-toxicity, resistance to impact and corrosion,
- ✓ high barrier effect against external agents such as light, air, humidity and bacteria.
- ✓ Easy to open,
- ✓ Ensures long-life products shelf life and allows the optimization of transport thanks to its lightness and strength.
- ✓ High possibility of aesthetic-communicative personalization through numerous printing, finishing and ennobling processes. In fact, the material characteristics and its workability allow an effective communication that may **not require** the use of additional communication components such as **labels**.
- ✓ Aluminum is mostly used for luxury and organic cosmetics brands, for cosmeceuticals and for parabens and preservative free products. These products need an **insulating** packaging maintaining the functional characteristics of the product and **preventing oxidation** phenomena.

ALUMINUM IS THE ICON OF CIRCULAR ECONOMY



INFINITELY
RECYCLABLE



ECONOMICALLY
VALUABLE

AVERAGE OF
RECYCLED
CONTENT*

UP TO
40%

ABOUT
75%

OF ALUMINUM
EVER PRODUCED
IS STILL IN
PRODUCTIVE USE

ALUMINUM IS THE ICON OF CIRCULAR ECONOMY

- ✓ Aluminum is defined as a **permanent** material whose inherent properties do not change in the use-phase despite repeated recycling into new products. Its recycling does not necessarily require the addition of primary material or additives.
- ✓ Aluminum is a natural element that maintain its physical properties forever. Once aluminum enters the **material-to-material loop**, in which it is recycled again and again, **it will always be available for future generations, forever.**
- ✓ Aluminum bottles could provides a **circular solution to plastic pollution.**

THE SUSTAINABLE LIGHTNESS OF PACKAGING



- ✓ Thanks to R&D activities, Tecnocap TL is more and more improving “**lightness**” of its aluminum containers range.
- ✓ It allows a **decrease in CO2 emissions** and reduces the impact on the environment also in the transportation phase.

ALUMINUM BOTTLES



ALL-ROUND LITHOGRAPHY FOR PREMIUM BEVERAGES



ALUMINUM BOTTLES RANGE

NECK Ø (mm)	24 GPI	28 GPI
BOTTLE DIAMETERS (mm)	35	
	38	
	45	
		53
		59
		64
		66



THE MOST SUSTAINABLE PACKAGING OPTION



THE MOST SUSTAINABLE PACKAGING OPTION

- ✓ Tecnocap is proud to manufacture and sell worldwide its “PURE” range of Aerosol Cans and Bottles made of 100% recycled aluminium.
- ✓ “PURE” represents an absolutely significant improvement of the existing range of Monobloc Aerosol Cans & Bottles with a certified lower percentage of recycled aluminium (25% – 50% and 50% – 75%).
- ✓ Consumers, especially millennials, are more and more “thinking green”. “Pure” 100% recycled packaging is a successful marketing tool to improve brand “green consciousness” and enhance premium appeal also thanks to vibrant lithography and custom design.

INTEGRATED PACKAGING SOLUTIONS

Our integrated aluminum packaging solutions (**CLOSURE + BOTTLE**) has little impact on our planet

- ✓ As **mono-material** packaging, bottles and closures are completely and infinitely recyclable.
- ✓ There's no separation in the waste collection (**smart and easy to collect**).
- ✓ We produces one of the most integrated and sustainable packaging solutions, **without taking to Earth**.

INTEGRATED PACKAGING SOLUTIONS



REFILLABLE ALUMINUM BOTTLE AND ALUMINUM CLOSURE: *ITSU CASE HISTORY*

The REFILL BOTTLE:

- Unbreakable, safe and shatter-proof,
- chills quickly and offers a unique cooling effect
- 100% barrier against light, keep oxygen out and carbonation in, allowing beverages to stay fresh for longer.
- Lightweight (important feature for e-commerce)
- Offer a 360° printing surface to enhance brand value.



THE CONTINUOUS THREAD CLOSURE:

- Light in weight
- superior barrier qualities
- huge range of coatings, multicolor printing, embossing, debossing finishing

INTEGRATED PACKAGING SOLUTIONS

INTRODUCING OUR “SUPERC” ALUMINUM CLOSURE AND OUR ALUMINUM DRINK BOTTLE



- Usable on both aluminum and glass bottles
- No sharp edges, less force to open and lower application head pressure
 - Aluminum eliminates concern for rust and supports package sustainability
- Costs up to 25% less compared to other aluminum beverage closures



ESPRITBONNET

The Espritbonnet closures present an elegant and sophisticated look, by combining the functionality of a plastic cap with the unmatched appearance of metal.

It's a three-piece cap made from a metal shell, a plastic insert, and a liner.



> ALUMINIUM SHELL



> PLASTIC INSERT



> LINER



> NECK FINISH: GPI 400

ESPRITBONNET

WHAT'S GOOD

- Smooth no visible threads
- Metallic look and touch
- Smart flat top shape and fashionable appearance

ALSO

- Non refillable fitment available (pick& place application)
- screw-on application
- printing and embossing decoration



ESPRITBONNET

*More protection to your brands with the **tamper-evident band** version.*



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