

Passionate Professional Perfectionist

FOOD & BEVERAGE



CONSUMER
SAFETY
LONG SHELF LIFE
PACKAGING
APPEAL





CLOSING SYSTEMS FOR FOOD & BEVERAGE



As one of the leaders in the design and manufacturing of metal closures and capping equipment, we provide our clients with innovative and customized solutions.

WHEREVER YOU ARE

Tecnocap's facilities and sales offices are placed worldwide with the aim to be close to our customers, ensuring flexibility and just-in-time solutions.

MORE THAN A CLOSURE

Our commitment goes beyond providing the best quality product. We help our clients succeed by enhancing the identity of their brand and preserving the safety of their product.

INNOVATION

Tecnocap's R&D laboratories provide continuous updates on the latest technological advancements and new regulations, with the aim of constantly improving performance and

TWIST / LUG CLOSURE

Made of tinplate, the Twist/Lug Closure is the most popular metal closure for food and beverages. It provides the best oxygen barrier technology for a long shelf life.

The Twist/Lug Closure is suitable for hot and cold filling and compatible with pasteurization or sterilization processes.

Customers can further enhance their own packaging appeal by customizing this closure with a huge range of coatings, designs, colors and profiles.



DIAMETERS (mm)	RTS	EDGE	RTO	MTO	DTO	DDO	BTS**
30				•			
33				•			
38			•	•	•		
43			• E		•		
48	• E		• E				
53	• E	•	•				
58	•	•	• E*		•		•**
63	•	•	• E*		•		•**
66	•	•			•		
70	•	•	• E*		•	•	
74							•**
77	•	•					
82	• E	•			•		
89	•						
100	•						
110	•						

E: Available with easy grip

*Only available on the American market

****BTS:** only available on the Brazilian market

All diameters and heights are available with vacuum indicator flip/button

RANGE



GASKET

Plastisol Compound.

Check with our sales offices the availability of the diameter in PVC-free.

Closures are produced according to GPI (Glass Packaging Institute) standards.

TECHNICAL DESIGN



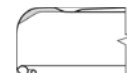
RTS (48-110)
Regular Twist Open
with Step



EDGE (53-82)



RTO (38-43)
Regular Twist Open



MTO (30-38)
Medium Twist Open



DTO (38-43)
Deep Twist Open



RTS (48-70)
Regular Twist Open



DTO (58-82)
Deep Twist Open



DDO (70)
Deep Deep Twist Open

BRP CLOSURES SUPERIOR HYGIENIC STRUCTURE

BRP Closures are metal vacuum closures designed for press-on application and twist-off removal to ensure easy open and easy reseal. It is a high quality closure with the best oxygen barrier properties. The BRP Closure is able to protect freshness and extend shelf life for premium food segments and for market segments requiring exceptional standards, such as baby food. Superior tamper resistance and hygienic construction are achieved by an enlarged plastisol gasket side-wall. Available for pasteurized and sterilized (retort) processes. Our customers can further enhance the appeal of their packaging by customizing BRP Closures with an unlimited palette of lithographic designs and colors.



RANGE

DIAMETERS (mm)	400 FINISH
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40*	•
51*	•

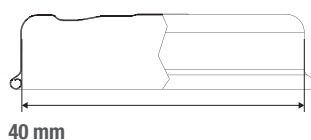
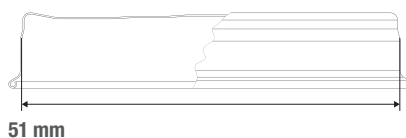
*: Button/Flip



GASKET

Plastisol compound.

TECHNICAL DESIGN



CONTINUOUS THREAD TINPLATE SCREW CAP

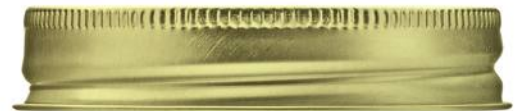
Old fashioned style and excellent sealing properties for extended shelf life.

The Continuous Thread (CT) is a metal closure characterized by uninterrupted spiraling thread. CT Closures are widely used for food, cosmetics and personal care.

They are compatible with vacuum and non-vacuum packing applications and available in a wide range of diameters, heights and profiles.

Customers can further enhance the appeal of their packaging through customization with a huge range of coatings and lithographic options, embossing, debossing and perforations.

Liners can be selected for specific process or compatibility requirements.



DIAMETERS (mm)	400 FINISH	OTHER HEIGHTS AND FINISHES
1"	•	
15		425
18	•	
20	•	
22	•	
24	•	
28	•	410/480
33	•	480
38	•	
43	•	485
45	•	
48	•	
53	•	
58	•*	
63	•*	445
69	•	
70	•*	450*/460* 470*
75		445*
77	•	
83	•*	
86		460*/470*
89	•*	
100	•	
110	•	
120	•	

*: Button/Flip

GASKET

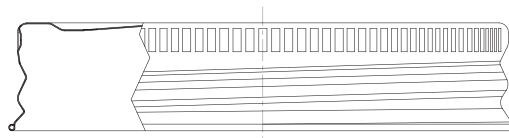
Plastisol compound.

Liners: Expanded Polyethylene Foam, Pulp Poly, Pulp Vinyl, Pulp Aluminum, Pulp Kraft, Pressure Sensitive, Heat Induction.
Any liner combination is available.

RANGE



TECHNICAL DESIGN



CONTINUOUS THREAD ALUMINUM SCREW CAP

The Continuous Thread Aluminum closure is characterized by an uninterrupted spiraling thread. Light in weight, this closure is the preferred choice of consumers and retailers who are highly focused on sustainability, recyclability and reuse of products and packaging.

The organic aesthetic appeal provides a premium presence to the packaging besides preserving the quality of products thanks to the superior barrier qualities of the aluminum.

Tecnocap is able to produce innovative and customized sizes, shapes and profiles beyond the wide range of closures already available. Customers can enhance their packaging by customizing the closure with a huge range of coatings and multicolor printing, embossing, debossing and perforations.



DIAMETERS (mm)	400 FINISH	OTHER HEIGHTS AND FINISHES
1"	•	
15		425
18	•	
20	•	
22	•	
24	•	
28	•	410/480
33	•	480
38	•	
43	•	485
45	•	
48	•	
53	•	
58	•L	
63	•L	445
69	•L	
70	•L	450/460 470
75		445
77	•	
83	•L	
86		460/470
89	•	
100	•	
110	•	
120	•	

L: Layer packed.

GASKET

Plastisol compound.

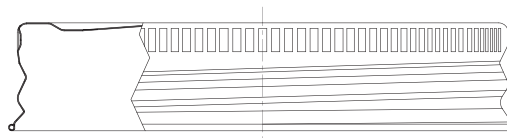
Linings: Expanded Polyethylene Foam, Pulp Poly, Pulp Vinyl, Pulp Aluminum, Pulp Kraft, Pressure Sensitive, Heat Induction.

Any liner combination is available.

RANGE



TECHNICAL DESIGN



UNISHELL®

Clean lines, smooth finish, high-end appeal. Conceptualized and designed to give an attractive and trendy look to the packaging, the Unishell® hides the threads inside the closure, consequently showing an elegant and smooth external side.

Bold captivating colors, rich textured embossments and unique perforation patterns create a long-lasting brand impression for the consumer to recognize their preferred product.

Unishell® is customizable according to all requirements and has a full complement of decoration options including coating, lithographic printing, embossing/debossing and coloration.

Tall profiles are available to provide even greater billboard space to attract consumer attention.



RANGE

DIAMETERS (mm)	400 FINISH	HEIGHTS/OTHER FINISHES	PERFORATED
33	•		•
38	•		•
43	•		•
45	•		•
48	•		•
51	•		•
53*	•	625*	•
58*	•		•
63*	•		•
70*	•		•
83*	•		•
89*	•		•

*Layer packed



TECHNICAL DESIGN



GASKET

Expanded Polyethylene Foam, Pulp Poly, Pulp Vinyl, Pulp Aluminum. Pressure Sensitive and Heat Induction.

CLASSIC CANNER

The Classic Canner is a special deep Twist/Lug closure technically designed as a Continuous Thread to give packaging a classic home-made style.

The Classic Canner guarantees the functionality of a deep Twist/Lug closure with its perfect oxygen barrier performance for long shelf life. It is suitable for hot and cold filling and compatible with pasteurization and sterilization processes. It can be manufactured with a safety button/flip to indicate the vacuum seal.

Customers can enhance the “high end” premium appearance of their packaging by customizing the design with a huge range of coatings, printing and lithographic design options. The Classic Canner comes in a 63, 66, 70 mm deep with other sizes in development.



RANGE

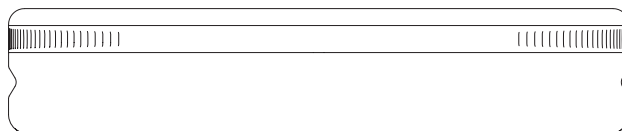
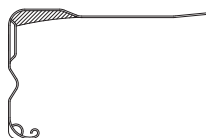
DIAMETERS (mm)	DHO
58	•
63	•
66	•
70	•
82	•



GASKET

Plastisol Compound.

TECHNICAL DESIGN



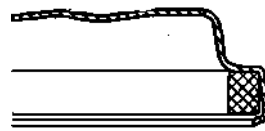
SKO CLOSURES

The SKO is a disposable closure made of Tinplate. A manual device or automatic production lines affects the closing process. A rubber gasket ensures a hermetic sealing. The SKO is suitable for all hot and cold filling for dry, watery and fatty products under pasteurization and sterilisation processes. Largely used for fruit, vegetables, meat, sauces, and small portions of specialties, this closure is an optimal choice for any kind of food product. Customers can further enhance the appeal of their packaging by customizing the closure with a huge range of lithographic designs, colors and effects.

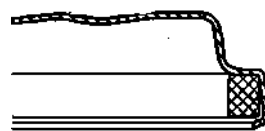
DIAMETERS (mm)	SKO
82	•



TECHNICAL DESIGN



TECHNICAL DESIGN



AP 45 ALUMINUM CLOSURES

AP 45 is made of Aluminum and characterized by easy grip design. It is widely used for cold and hot filling of vegetable products, sea food in oil, salt or vinegar. Customers can further enhance the appeal of their packaging customizing this closure with an unlimited palette of multicolor printing and coatings options.

DIAMETERS (mm)

400 FINISH

45

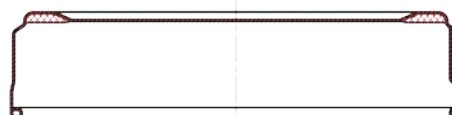
•



GASKET

Plastisol Compound.

TECHNICAL DESIGN



70G CONTINUOUS THREAD TINPLATE SCREW CAP

70G is a special size Continuous Thread closure. It is very popular for food as well as for candles and personal care products. The 70G provides extended shelf life due to its excellent sealing properties. As with any other Continuous Thread closure, the 70G is easy to open and reclose, and is compatible with a range of vacuum and non-vacuum packed applications.

Customers can further enhance the appeal of their packaging and boost the product image with a huge range palette of coatings and lithographic options, embossing and debossing, and unique perforation patterns. Custom sizes and designs can also be created. The 70G is available in several stock varieties such as antique bronze, gold and pewter.

DIAMETERS (mm)	70G FINISH
70	450
70	460
70	470

WHAT'S NEW

- > Aluminum with plastisol



RANGE



GASKET

Plastisol compound and other liners including Expanded Polyethylene Foam, Pulp Poly, Pulp Vinyl, Pulp Aluminum, Pulp Kraft, Pressure Sensitive, Heat Induction. Any liner combination is available.

LID & BAND

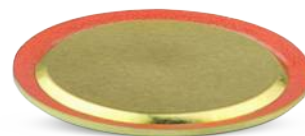
Lid and Band closures have been sealing home canned foods for more than 100 years. Tecnocap produces both the Regular and Wide Mouth sizes.

The Lids and Bands provide the security and quality to make you feel confident when canning.

Lids have a vacuum indicator button to let you know the container is sealed and can be recycled after use. Bands can be reused.

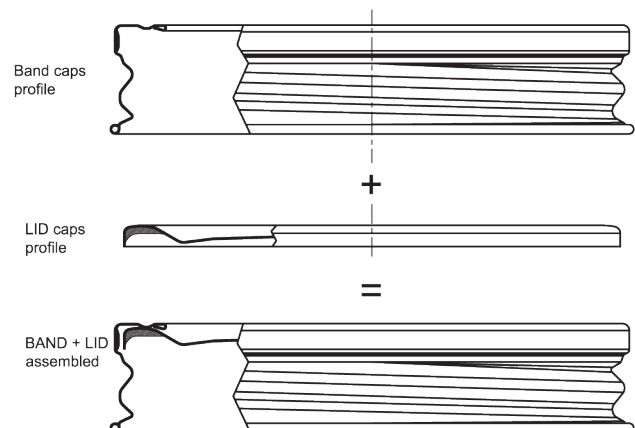
This two-piece jar caps include a plastisol lined inner lid that, when properly heated and cooled, creates a hermetic tamper and a secure fit on the jar and a long-term storage of the product.

The classic style of these closures makes them highly recognizable.



DIAMETERS (mm)	LID & BAND
70	•
86	•

TECHNICAL DESIGN



SUPER C

ALUMINUM CLOSURE FOR BEER AND SOFT DRINKS USABLE ON BOTH ALUMINUM AND GLASS BOTTLES

In addition to being totally recyclable, the Super C is an opportunity to reduce bottle weight by +20% and thanks to its lower capping head pressure (<350 PSI) facilitates the use of lighter and thinner bottles. Aluminum eliminates the concern of rust, an industry wide problem with steel crowns. Its special design eliminates crown dust and the risk of flavor or chemical particle floaters on beverage.

Capping at conventional speed on standard filling lines and Works with Twist-Off and Pry-Off universal applications. Performs more than double speed of filling lines which currently run ROPP closures.

WHAT'S GOOD

- > No Sharp Edges
- > Less force to open
- > Seals at <350 PSI vs. steel crowns at >750 PSI.
- > Capping at Twice the Speed of ROPP'sv



SEALING GASKET

Liner and coatings are pre-approved by major beverage bottlers (in use for several years). Liner approved for flavor testing. PVC and BPA free materials reduces FDA and EPA concerns. PVC free liner and BPA free coatings make the package more consumer safe and environmentally friendly.

SIZES

SuperC is made in 27 mm size, designed to fit various bottle sizes and types, including one-way and refillable bottles. Its special profile provides larger sealing surface to variations in bottle finishes, conditions and dimensions.

CONTINUOUS THREAD
TINPLATE SCREW CAP

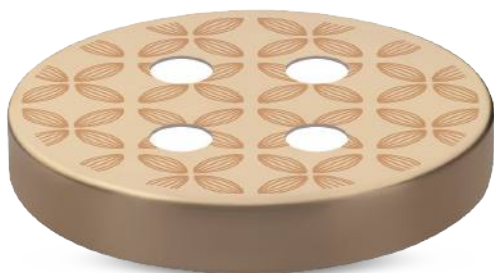


UNISHELL®
TINPLATE CLOSURE

CONTINUOUS THREAD
ALUMINIUM SCREW CAP



UNISHELL®
ALUMINIUM CLOSURE



70G CONTINUOUS THREAD
TINPLATE SCREW CAP



70G CONTINUOUS THREAD
ALUMINIUM SCREW CAP



FOCUS ON CUSTOMIZED EMBOSS & DEBOSS

Embossment offers our customers more possibilities to enhance the aesthetics of the closures. All sizes of tin-plate CT's, Aluminum CT's and Unishells can be embossed. Whether a simple design or one filled with elaborate detail, embossing raises your package above all others.



FOCUS ON CUSTOMIZED PERFORATIONS

Perforated closures improve packaging aesthetics and provide unique performance possibilities. Perforated metal closures allow aromas and flavors of spices and dried fruit to infuse the space.

They are perfect for holding beverage straws. Customers can choose from a wide range of perforated patterns or create their own designs.



TSM SEALING MACHINE

This is a fully automatic machine, which vacuum seals glass jars with metal closures under controlled steam pressure.

**Available in two versions:
TSM 250 - TSM 500**

Cap sizes: 30 - 110 mm;
Jar height: 63 - 258 mm;
Jar diameter: 38 - 168 mm.

Our engineering division develops customized machines able to seal jars with dimensions other than the above listed.



SORT & FEED MACHINE

Tin plate closure high speed,
high efficiency magnetic feeder.

Three sizes: small - big - extra big.

The elevator is commonly located next to the capping machine.
The engineering division can customize different layouts to accommodate the space available.





VACUUM DETECTOR

System capable of detecting vacuum inside jars sealed with metal caps. The system is intended to be installed on an existing conveyor line.

The detector is designed to perform at a certain distance from the capping machine. The Tecnocap engineering division can determine other acceptable locations along the conveyor line for the installation of the detector.



METAL PACKAGING INTEGRATED SOLUTIONS

LITHOGRAPHY

Lithography provides both functional and decorative features to our products. The coating and printing processes protect the cap against rust, scuffing and general corrosion. Furthermore, it provides highly customized finishes reproducing desired images and texts.



METAL CLOSURES

Metal closures are the trump card for a successful food package; they deliver eye-catching appeal while also extending shelf life. Metal closures are essential to provide a hermetic seal under aseptic and atmospheric conditions. Tecnocap closures can also provide a high level of customization and premiumization.



TECHNICAL ASSISTANCE

Our global network of specialized teams brings strong problem-solving skills to resolve even the most complex difficulties. This expertise, together with continuous training, allows Tecnocap technicians to advise customers on their product choices, packing issues, and productivity.



BOTTLES & AEROSOL

Experienced manufacturers of aluminum monobloc aerosol cans and bottles for food and beverage, cosmetics, personal care, pharmaceutical, nutraceutical and industrial markets.



COMPOUND

Tecnocap's world class expertise in chemistry and microbiology provide a wide range of internal cap lining compound formulas. The compatible formula is used to ensure the best barrier performance, to maintain customers' products and to comply with all relevant food safety regulations.



INNOVATION

Our team of engineers and designers are constantly engaged in researching new products, developing textures and special finishes, formulating new compounds, implementing emerging technologies and incorporating sustainable materials.



CAPPING MACHINES

Tecnocap's Capping Machines are designed and assembled in-house, and installed in the customers' facilities for the automatic sealing of jars.



Tecnocap Group

YOUR GLOBAL PARTNER FOR METAL PACKAGING

The Tecnocap Group is a worldwide metal packaging manufacturer, specialized in Metal Closures for glass jars and plastic containers. The group is one of the largest producers of tinplate and aluminum closures, as well as aluminum Monobloc aerosol cans, and aluminum bottles. These products are used to secure some of the world's best known consumer brands in food, beverages, spirits, cosmetics, nutraceuticals, pharmaceuticals, and industrial and household products.

ALWAYS ONE STEP AHEAD

Always evolving technologies and tailored engineering projects are key factors which drive Tecnocap's market reputation and business growth. The Group invests heavily to improve production performance, maintain total quality management, and advance lean manufacturing principles.

STRONG FOCUS ON CUSTOMIZATION AND INNOVATION

Our commitment goes beyond providing the best quality product. Tecnocap helps our clients succeed by enhancing the identity of their brand and preserving the safety of their product. We work as partners and advisors to our clients, improving existing products and developing new designs & engineering solutions.

OUR COMMITMENT TO FUTURE GENERATIONS

Sustainability is an important factor in all of Tecnocap's activities and strategic decisions. Tecnocap works closely with its customers to support them in reaching their sustainability targets by providing "responsible packaging solutions".





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