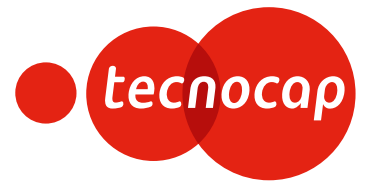


Passionate Professional Perfectionist



Closing systems



Food & Beverage Division

Tecnocap Group

Tecnocap group is a worldwide metal packaging manufacturer **specialized in metal closures** for glass jars and plastic containers.

The group is one of the biggest producers of **Tinplate and Aluminum closures** for some of the world's best known consumer brands in food, beverage, cosmetics and pharmaceutical sectors.

Consistent **evolving technologies** and **customized engineering projects** are key factors which drive Tecnocap' market reputation and business growth.

The group heavily invests in **improving productive performances**, focusing on total quality management and lean manufacturing principles. With a wide network of **specialized centers**, Tecnocap' technical team boasts **problem solving skills** and is engaged in advising, training and supporting clients in a large number of key markets worldwide.

At Tecnocap, **green&social responsibility and continuous innovation** are pillars of the business philosophy.

Lithography, embossing, debossing, perforations and beyond, have enabled Tecnocap group to become pioneer in design and leading manufacturer of customized closures in the world.

The group developed **a dedicated team** which co-works with customers to **improve existing products** and develop new designs and materials.

Tecnocap group is a customer-driven company, committed to provide the highest value for its customers by realizing **the perfect closure**: an ideal combination of appeal, functionality, sustainability and innovation.



Certifications



Proudly member of



Green&Responsible



Lithography

Lithography has both a **functional** and a **decorative** scope. Coating and printing processes **protect** the substrate of **the cap** against rust, scuffs and corrosion in general and provide high **customized** finishes reproducing **any kind of desired texts, images and effects**.



Metal Closures

Metal closures are the trump card for a successful food packaging; they deliver **eye-catching visual** appeal while also **extending shelf life**. Metal closures are essential for a proper **hermetic seal** in **aseptic atmosphere under-vacuum**. Our closures can provide high level of **customization and premiumization**.



Technical Service Support

The company has a **strong performance record in problem solving skills** thanks to a wide network of **specialized teams all over the world**. All human resources are continuously trained to **advise** customers' choices, to **solve** technical problems and **support** customers productivity. A real task force that provides support on-site **for all customers plants** across the world.



Machines and Liner/Compound

Tecnocap' Capping Machines are **in-house designed and assembled for the automatic sealing** of Closures/Caps on jars, installed directly at customers facilities. Tecnocap world class experts in chemistry and microbiology provide a wide range of in-house Liner/Compound formulas to **ensure the best barrier performance, enhance customers' products** and **comply to all food safety regulations**.



Innovation&SpecialDesign Lab

A team of engineers and designers is constantly engaged in researching new products, textures, compound formulas, special finishing, technologies and sustainable materials **to advise and work side by side with clients, improve their existing products** and **pioneer the most appropriate packaging solutions**.



Twist/Lug Closures

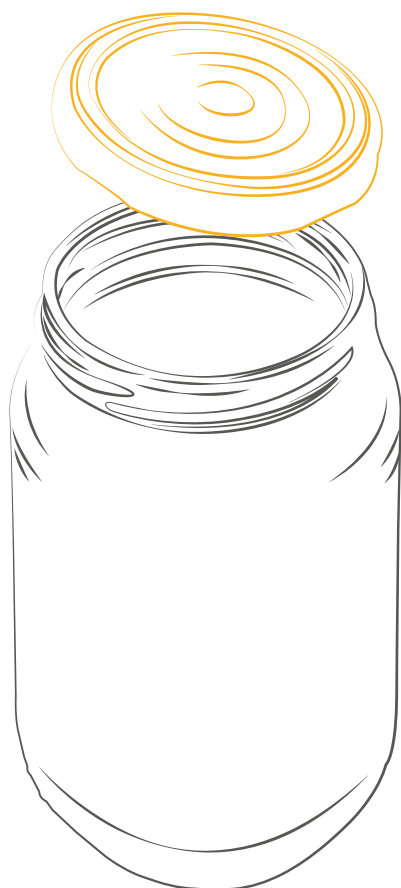


Made of tinplate, the twist/lug closure is the most popular metal closure for food and beverage.

It provides the best **oxygen barrier** technology for **a long shelf life**.

The twist/lug closure is suitable for **hot and cold** filling and totally compatible with **pasteurization or sterilization** processes.

Customers can further enhance their own packaging appeal **by customizing** closure with an unlimited palette of coatings, designs, colors and profiles range.



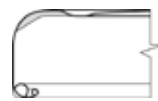
RTS
Regular Twist Open
with Step



ECO



RTO (30-43)
Regular Twist Open



MTO (30-43)
Medium Twist Open



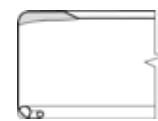
DTO (30-43)
Deep Twist Open



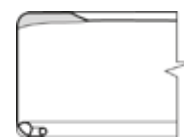
RTO
Regular Twist Open



MTO
Medium Twist Open



DTO
Deep Twist Open



DDO
Deep Deep Open
(extra deep 70)

Twist/Lug Closures

Special Manufactures



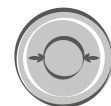
Deep



Lithographed



Coloured/Safety button



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

E: Available with easy grip * : Lower flip/button value

All diameters and heights are available with vacuum indicator flip/button to close customers glass jars according to GPI standards.

Gasket: plastisol compound and PVC-free.

PVC-free gasket available for 53RTS - 63RTS - 66RTS for enhancing food and consumer safety and reducing environmental impact.

PT Closures - Superior hygienic structure



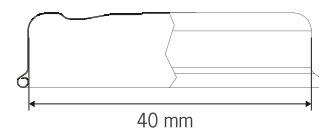
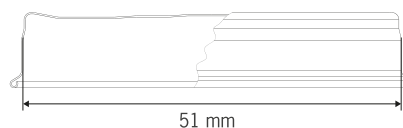
PT are **metal vacuum closures** conceived for **press-on application** and **twist-off removal** to ensure easy open and easy reseal.

It is a high quality closure with the best oxygen barrier properties able to protect freshness and extend shelf life for **premium** food segments and for markets that require specific standards and features, such as **baby food**.

Superior **tamper resistance** and hygienic construction are achieved by an **enlarged plastisol gasket** side-wall.

The closure is available for pasteurized and sterilized (retort) processes.

Customers can further enhance the **appeal** of their packaging **customizing** PT Closures with an **unlimited** palette of **litho designs and colors**.



PT Closures - Superior hygienic structure

Special Manufactures



Coloured



Lithographed



DIAMETERS (mm) 40 51

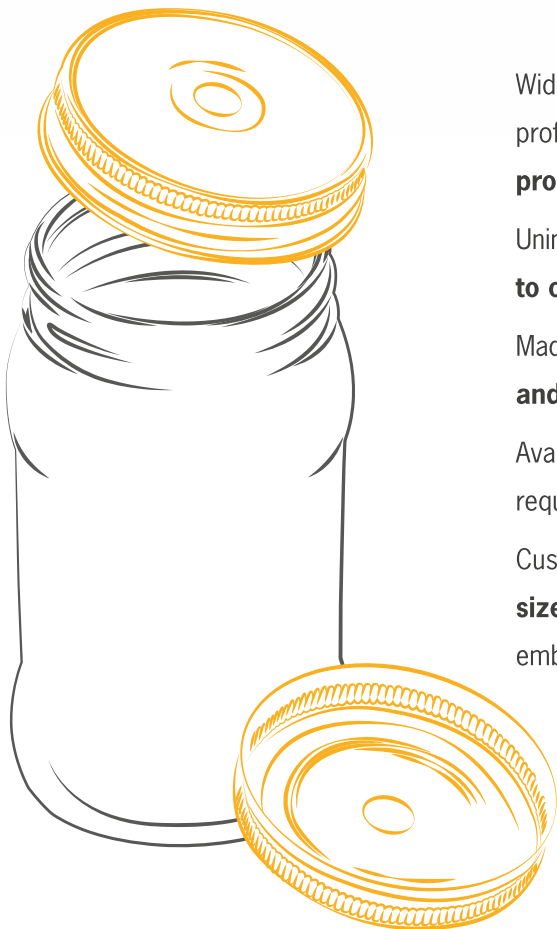
400 Finish	•	•
------------	---	---

With vacuum indicator button.
 Multicolor printing.
Gasket: plastisol compound.



Detail of enlarged gasket side wall

Continuous Thread - Tinplate Screw Cap



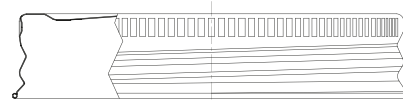
Widely utilized closures, available in a wide range of diameters, heights and profiles, the Continuous Thread (CT) metal closures **offer excellent sealing properties** for extended shelf life.

Uninterrupted spiraling threads characterize the CT closures. They are **easy to open and to reclose**.

Made from tinfoil steel, CT closures are compatible with a **range of vacuum and non-vacuum packed applications**.

Available with **paperline or plastisol** gasket to get the most appropriate requested seal.

Customers can further enhance the **appeal** of their packaging **customizing size and design** with an **unlimited palette** of coatings and litho options, embossing or debossing processes and perforations.



Continuous Thread - Tinplate Screw Cap

Special Manufactures



Embossed - Debossed



Coloured



Safety button



Lithographed



DIAMETERS (mm)	1"	15	18	20	22	24	28	33	38	43	45	48	53	
400 Finish	•		•	•	•	•	•	•	•	•	•	•	•	
Other heights and finishes		• 425					• 480	• 480		• 485				
DIAMETERS (mm)	56	58	63	69	70	70G	75	77	83	86	89	100	110	120
400 Finish	•	•	•	•	•	•		•	•		•	•	•	•
Other heights and finishes			• 445				450 460 470	• 445		• 460				

Gasket: Plastisol compound and Liner (expanded polyethylene foam including the following: Pulp Poly, Pulp Vinyl, Pulp Aluminum, Pulp Kraft, Plastisol, Pressure Sensitive, Heat Induction). Any liner combination is available.

Continuous Thread - Aluminum Screw Cap



Bold and visually attracting, these closures offer many benefits.

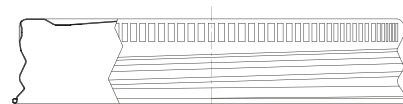
They provide a **premium package presence** to any product and **preserve the flavor of products** thanks to superior barrier qualities and Aluminum's anti-corrosion properties.

It confers to the product a longer protection in terms of **integrity** and overall in terms of **image**.

Light in weight, these closures will be the preferred choice of consumers and retailers who have become **highly educated** on sustainability, recycle and reuse of **products and packaging**.

Tecnocap is able to produce **innovative and customized** sizes, shapes and profiles beyond the wide range of closures already available, as well as threading capability for **increased functionality and reseal**.

Customers can enhance the **"high end" premium appearance** of their packaging **customizing the design** with an **unlimited palette** of coatings and multicolor printing, embossing, debossing and perforations.



Continuous Thread - Aluminum Screw Cap

Special Manufactures



Coloured



Lithographed



Embossed - Debossed



DIAMETERS (mm) 18 20 22 24 28 33 38 43 45 48 53 58 63 70 83 89

400 Finish

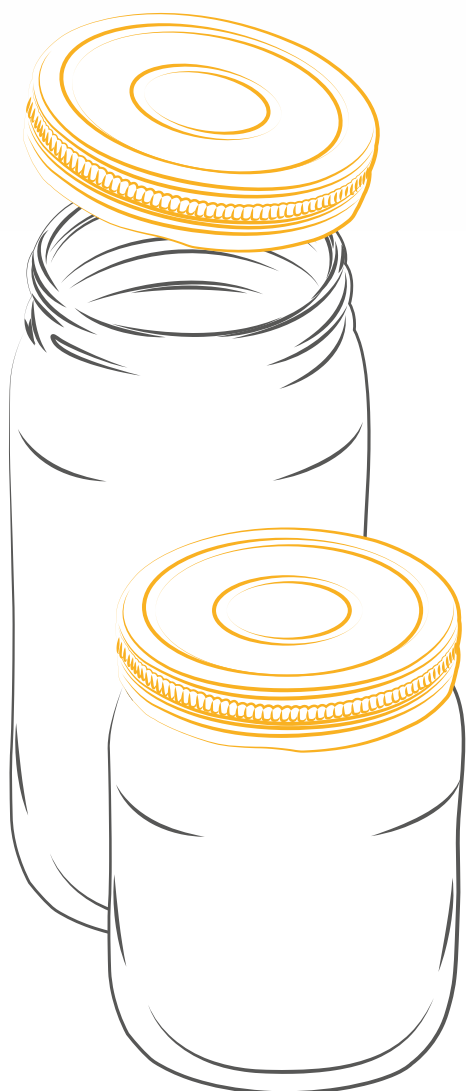
• • • • • • • • • • • * * * * *

* Layer packed.

Gasket: Plastisol compound and Liner (expanded polyethylene foam including the following:

Pulp Poly, Pulp Vinyl, Pulp Aluminum, Pulp Kraft, Plastisol, Pressure Sensitive, Heat Induction). Any liner combination is available.

HomeStyle TwisTop®



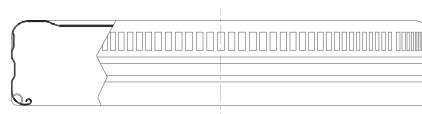
The HomeStyle TwisTop® is a special deep Twist/Lug closure designed to give packaging a classic **old-fashioned and home-made style**.

It guarantees the functionality of a deep Twist/Lug closure with its perfect **oxygen barrier** performance for **long shelf life**.

The HomeStyle TwisTop® is suitable for **hot and cold** filling and totally compatible with **pasteurization and sterilization** processes.

This closure can be manufactured with a **safety button/flip** to indicate the **vacuum seal**.

Customers can enhance the **“high end” premium appearance** of their packaging **customizing the design** with an **unlimited palette** of coatings and multicolor printing and litho design options.



HomeStyle TwisTop®

Special Manufactures



Coloured



Lithographed



Safety button



DIAMETERS (mm) 63 66 70

DTO	•	•	•
-----	---	---	---

The HomeStyle TwisTop® comes in a 63, 66, 70 mm deep with other sizes in development.
Gasket: Plastisol compound.

SKO Closures



The SKO is a disposable closure made of Tinplate.

A manual device or automatic production lines effect the closing process.

A rubber gasket ensures the **hermetic sealing**.

This cap is suitable for all **hot and cold** filling, dry, watery and fatty products under **pasteurization/sterilization** processes.

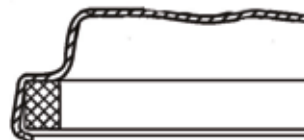
Largely used for fruit, vegetables, meat, sauces, small portions of specialties, this closure is an **optimal choice for any kind of food products**.

Customers can further enhance the appeal of their packaging **customizing**

PT Closures with an **unlimited** palette of **litho designs and colors**.

DIAMETERS (mm) 82

SKO



Available with multicolor printing and coating.

AK 103 Aluminum Closures



This closure fits jars with small ring collar and brings to the market the highest quality finish due to its slickness riched with the use of maximum Aluminum thickness.

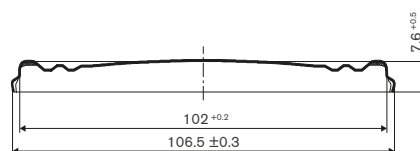
It is particularly suitable for products to be consumed at one go after the jar has been opened, such as vegetables and ready-prepared dishes, small portions of specialties, sauces, dressings, desserts with cold or hot filling.

High quality sealing, **oil resistant**, available with red and white plastisol for **pasteurization and sterilization processes**.

Recyclable closure made from pure grade Aluminum.

DIAMETERS (mm) 103

AK 103



Available with white plastisol gasket for **pasteurization and sterilization** processes.

Glass Finish: ČSN 703200

Omnia Closures



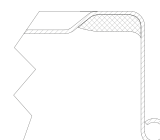
Omnia closure is made of Aluminum and is mostly used for glass jars.

Sealing is effected by the closure being **pressed under vacuum** onto the glass finish.

Suitable for wide variety of food and beverage products such as marmalades, dressings, sauces and many others.

DIAMETERS (mm)	68	83
Omnia	•	•

Glass Finish: ČSN 703200



Snap Closures

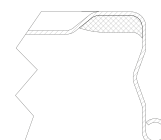


The Snap closure is made of Aluminum and is mostly used for glass jars with a **small beaded lip instead of a thread.**

Sealing is effected by the closure being **pressed under vacuum** onto the glass finish.

Suitable for wide variety of food and beverage products such as marmalades, dressings, sauces and many others.

DIAMETERS (mm)	64	82
Snap	•	•



Available with white plastisol gasket for **pasteurization and sterilization** processes.

70G Continuous Thread - Tinplate Screw Cap



70G Tinplate Continuous Thread is a very popular closure for canning jars thanks to its **excellent sealing properties** for extended shelf life.

It is an ideal closure for canning fruits, vegetables, salsas and all quality food products.

70G is **easy to open and to reclose** and **compatible with a range of vacuum and non-vacuum packed applications**.

Customers can further enhance the **appeal** of their packaging **customizing size and design** with an **unlimited palette** of coatings and litho options, embossing and debossing processes and perforations.

Special Manufactures



Plastisol



Paperlined



Unlined

DIAMETERS (mm)

70G

450 Finish	•
460 Finish	•
470 Finish	•

Gasket: Plastisol compound and Liner (expanded polyethylene foam including the following: Pulp Poly, Pulp Vinyl, Pulp Aluminum, Pulp Kraft, Plastisol, Pressure Sensitive, Heat Induction). Any liner combination is available.

AP 45 - Aluminum Screw Closure



This is our easy grip design Aluminum closure for cold and hot filling such as vegetables, sea food in oil, salt or vinegar.

Light in weight and **infinitely recyclable**.

Thanks to Aluminum's **anti-corrosion** properties, this closure is perfect to **protect the integrity and shelf image** of the product.

Customers can further enhance the **appeal** of their packaging **customizing designs** with an **unlimited palette** of multicolor printing and coatings options.

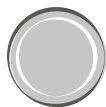
Special Manufactures

DIAMETERS (mm) 45

400 Finish



Gasket: Plastisol compound.



Coloured



Lithographed

TSM - Vacuum Sealing Machine



TSM 250

This is a **fully automatic** machine, which vacuum **seals** glass jars with metallic 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 System



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 positions.

Vacuum Detector (D20)



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

The detector is installed at a certain distance from the capping machine.

On demand, our engineering division will verify the possibility to install the vacuum detector close to the capping machine.

Tecnocap Group

METAL CLOSURES



- Twist/Lug
- PT - Baby Food
- Tinplate CT - Continuous Thread
- Aluminum CT - Continuous Thread
- CT Lid and Band
- SKO
- AK 103
- Omnia
- Snap
- HomeStyle TwisTop®
- 70G
- AP 45



- Unishell®
- Bella™ Cap (Metal&Plastic)
- CT - Continuous Thread



- CRC SafLok™ - Child Resistant
- Unishell®
- CT - Continuous Thread



- Unishell®
- Continuous Thread
- 70G
- Perforated
- Candle Plug



- Espritbonnet
- Advintage™ Wine Cap



**Food
& Beverage**



Cosmetic



**Pharma
& Nutraceutical**



Candle



**Wine
& Spirits**

Italy

Tecnocap S.p.A.
Headquarters - Via Starza
I - 84013 Cava de' Tirreni, SA
Tel.: +39 089 441522
Fax: +39 089 442585
info.it@tecnocapclosures.com

Czech Republic

Tecnocap S.R.O.
Strizovice, 67
37853 Strmilov - Jindrichuv Hradec
Tel.: +420 (0)384 373 111
Fax: +420 (0)384 373 529
info.cz@tecnocapclosures.com

Spain

Tecnocap-Met S.I.
Calle B - nave 27 - Pol. Ind. San Jorge
30.565 Las Torres de Cotillas, Murcia
Tel.: +34 0968 38 94 48
Fax: +34 0968 38 94 40
info.es@tecnocapclosures.com



7 PRODUCTION FACILITIES

Italy (Campania and Lazio)
 Spain
 Czech Republic
 Ukraine
 USA Ohio
 USA West Virginia

32 SALES OFFICES

Italy	Tunisia
France	Canada
Germany	USA Oregon
Croatia	USA Nevada
United Kingdom	USA California
Netherlands	USA New York
Poland	USA Pennsylvania
Slovakia	USA Illinois
Rep. of Belarus	USA Kansas
Moldova	USA Missouri
Romania	USA Texas
Russia	USA Florida
Greece	Mexico
Turkey	Colombia
Israel	Brasil
Morocco	Perù

Ukraine

Tecnocap UA LLC
 Str. Vokzalna, 18 - UA-80356 Soposhyn
 District Zhovkva, Region Lviv
 Tel.: +38 032 526 19 39
 Fax: +38 032 522 23 05
agrocapp@ukr.net

USA - West Virginia

Tecnocap LLC
 1701 Wheeling Avenue
 US-Glen Dale, 26038 - West Virginia
 Toll Free Call **800 999 2567**
 Tel.: +1 304 845 3402
 Main fax: +1 304 843 5475
sales@tecnocapclosures.com

USA - Ohio

Tecnocap Metal Lithography
 2100 Griswold St Ext NE
 Warren, OH 44483
 Toll Free Call **800 999 2567**
 Tel.: +1 330 392 7222
 Fax: +1 330 394 8016
hkammerer@tecnocapww.com

