



**PSCI Annual Meeting -2023**

# Celebrating 100 Years of Secure Packaging

## 1900s

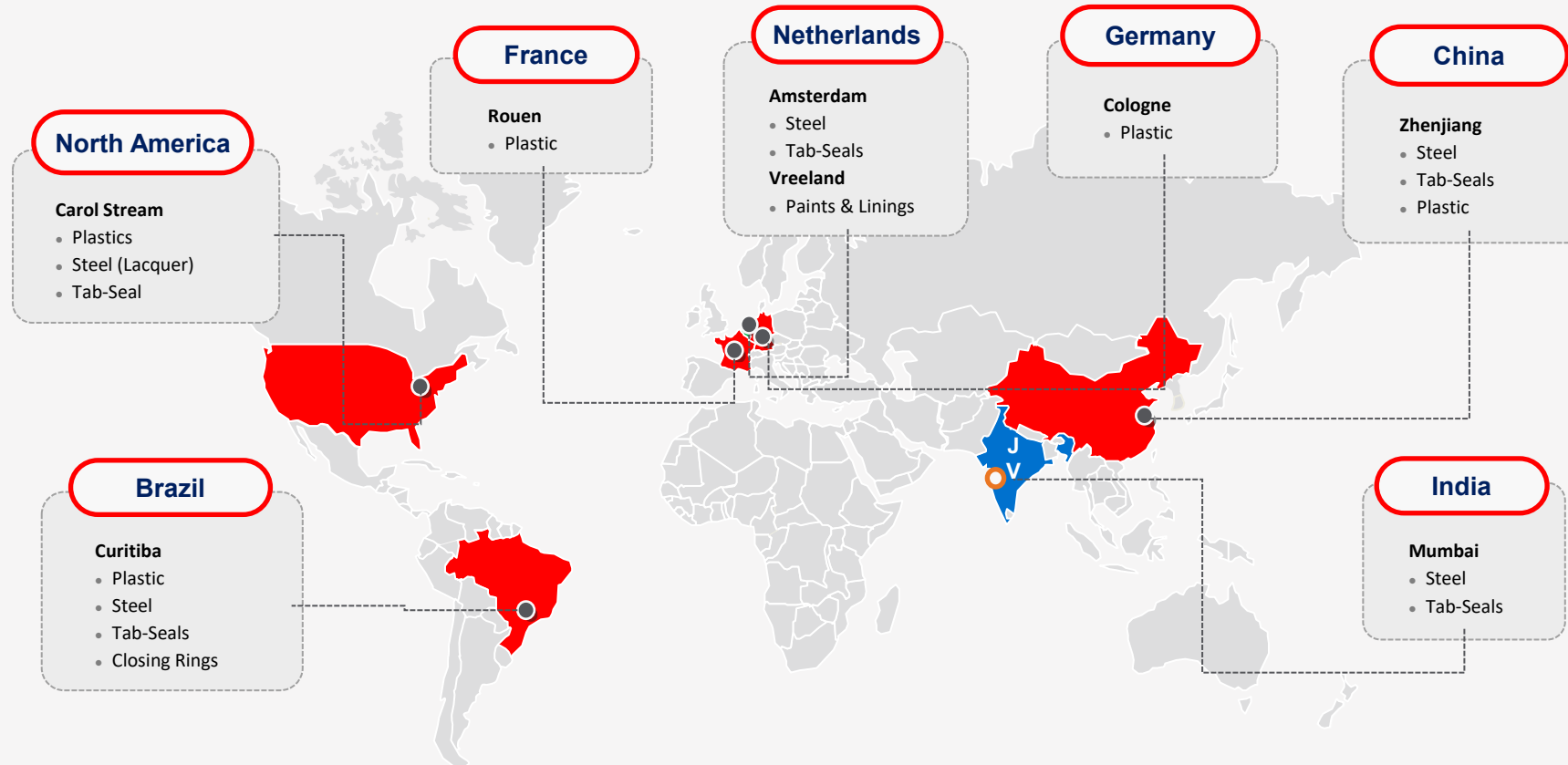
- 1922 Incorporated by R.L. Parish in Chicago, IL
- 1927 First international production site
- Tri-Sure closure system becomes global standard for steel drums
- Robust innovation with numerous patents

## 2000s

- 2001 Acquired by Greif
- Launch SambaCap, Push-Lock Cap, and Sustainable EcoBalance Products
- Establish and gain recognition for key pillars: Innovation, Customer Service & Support

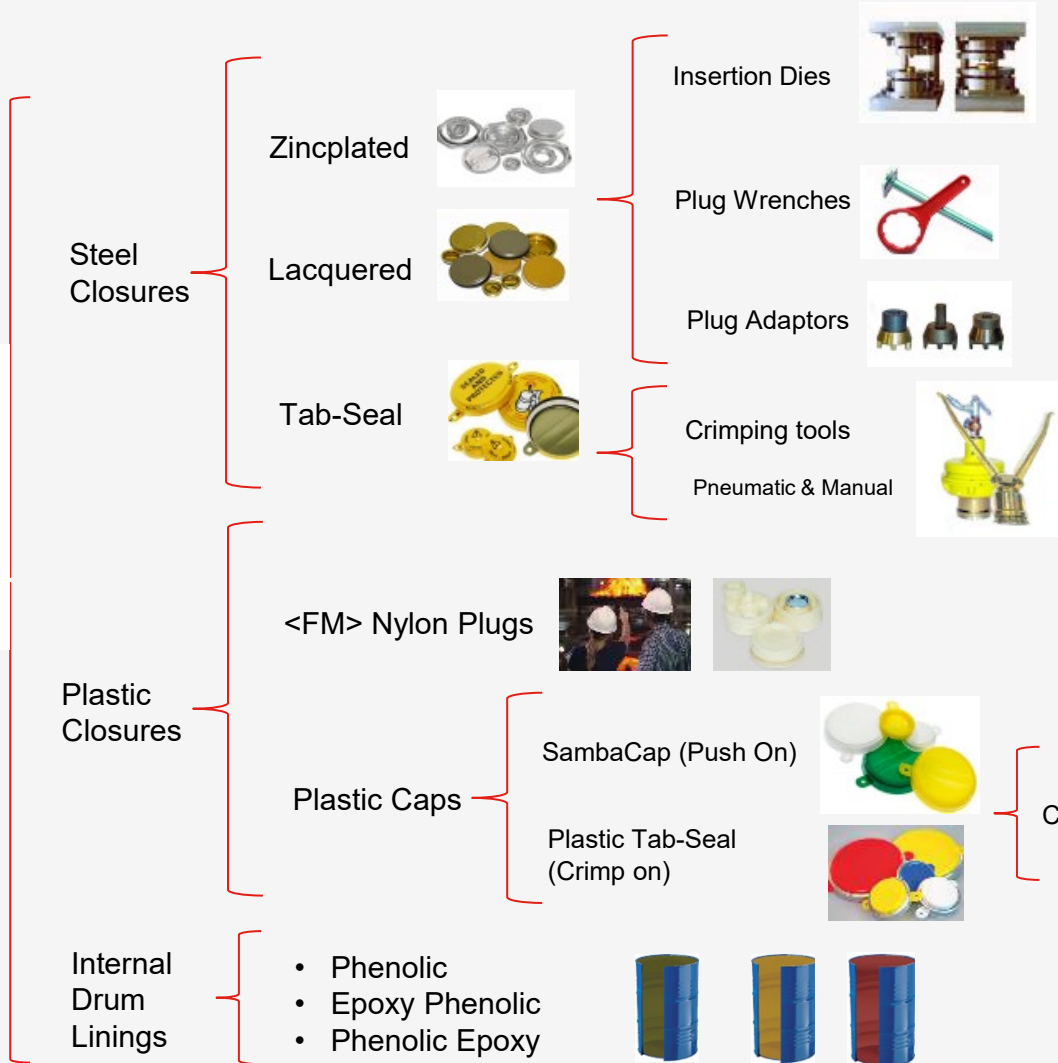


# Tri-Sure® Global Footprint provides security of supply



Intentional redundant production capability to ensure supply chain continuity

# Closures for Steel Containers



## Steel Closures

To ensure a consistently high quality of closure application it is essential that the correct tooling and equipment is used. Tri-Sure® supplies all required insertion, application and removal equipment.

Technical Service is available to advise and service the optimal tooling for your manual or automated production lines.

## <FM> Nylon Plugs

Fusible plastic closures for use with steel drums are designed to melt and relieve the container pressure in a fire incident, they are available with various washers to meet specific properties. Made in the USA

**USE ONLY IN COMBINATION WITH PLASTIC CAPS.**

## Plastic Caps

Push on or Crimp on are available and designed to protect the Tri-Sure® closure system from dirt, contamination and pilferage or substitution of the drum contents.

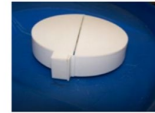
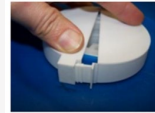
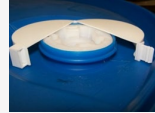
Both options can be decorated with customer logo, available in all colors.



# Closures for Plastic Containers



*Push-Lock™ & ClickLock CAPS*



*PLASTIPLUG™*



*IBC Screw Caps*



## **Push-Lock™ CAPS**

All-plastic tamper-evident drum closure overlap designed to directly lock onto our range of Push-Lock™ compatible *PLASTIPLUG™* plastic plugs.

This cap/plug-combination is independent from and able to accommodate a varying range of drum necks. Prevents dirt ingress and contamination while allowing for venting, since it is all plastic there is no rust or sharp edges, no tooling needed for application or removal.

It is available in all colors and it is printable.

## **PLASTIPLUG™**

The entire range of *PLASTIPLUG™* plastic plugs is compliant with ISO-20848 Part 3.

Standard available in white or virgin PP, these plugs provide an excellent quality finish, dimensional consistency and sealing performance.

Available with a range of washers, including PE and EPDM. Numerous venting options, including EPDM-mushroom and micro porous venting devices, are available for specific applications.

## **IBC Screw Caps**

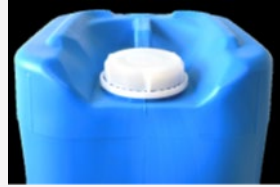
Products are made of high-density polyethylene. The combination of the black master batch with the standard EPDM washers produces a lid compliant with several food regulations.

Compatible with 56x4, Push Lock cap and CDS1.

# Closures for Plastic Containers



*Plasticap-70™*  
screwcap



## **Plasticap-70™ screwcap**

Plasticap-70™ is the universal and cost-effective closure system for high-demand UN applications and is designed for optimal sealing and security of small and medium-sized plastic containers. Our family of Plasticap-70™ screwcaps offers full product traceability in compliance with the rigorous FSSC 22000 standard



*Poly Vents*



## **Poly Vents**

Poly Vents are great for easy dispensing on both plastic and steel pails. They are offered both with and without diaphragms and can be produced in various colors



*Uni-Grip™*  
spouts



## **Uni-Grip™ Spout**

The Uni-Grip™ is a crimp-on plastic closure with an integrated spout designed for small and medium metal and plastic containers. Available with many different color caps as well as standard or self-vented spouts

# Gaskets and Venting available

## Gasket Types Offered

- ✓ EPDM
- ✓ PE
- ✓ Buna
- ✓ Viton

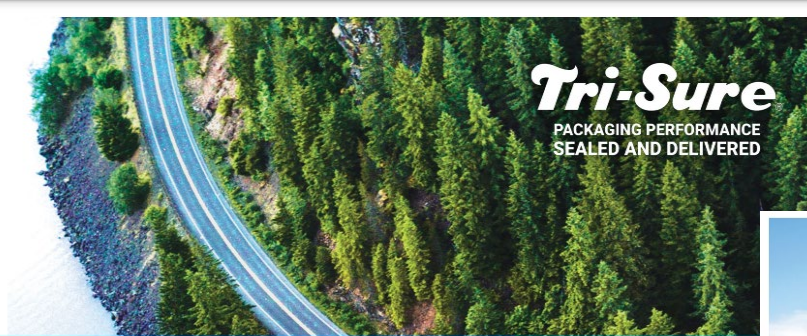


## Venting Options

- ✓ Mushroom – 1 directional vent
- ✓ Microporous – 2 way vent
- ✓ Gore D38, D17, and D15



# Sustainable Solutions



For metal containers  
**ECOBALANCE™  
SAMBACAP™**



EcoBalance™ SambaCaps™, closed loop PCR closures produced with PCR resin from recycled containers to help you achieve your sustainability targets.



For plastic containers  
**ECOBALANCE™  
PUSH-LOCK™ CAP**



EcoBalance™ Push-Lock™ Caps, closed loop PCR closures produced with PCR resin from recycled containers to help you achieve your sustainability targets.

- EcoBalance™ 100% PCR Caps
  - Helps our customer achieve their sustainability goals by reducing carbon emissions by up to 45% over the use of standard plastic caps.
  - Efficiently and securely applied over the drum closure by hand, and easily removed without tools.
  - Prevents dirt ingress or contamination of the drum openings while providing protection against pilferage or substitution of container contents.
  - Solutions available for steel and plastic container opening.



# Tri-Sure Contacts

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A pair of hands is shown holding a glowing Earth, with city lights visible on the continents. The background features a blurred image of a person's face and a glowing lightbulb, suggesting a connection between human activity and environmental impact. The overall scene is set against a dark, starry background.

Thank You

**Tri-Sure**<sup>®</sup>