

For metal containers

4S[®] CLOSURE SYSTEM



For over 85 years, steel drums fitted with Tri-Sure[®] closures have set the international standard and they continue to do so. Our innovative Tri-Sure[®] 4s[®] double washer system creates an "airbag" for your drum.

Tri-Sure[®]
MORE THAN CLOSURES



Tri-Sure^{4s}[®]

CLOSURE SYSTEM

How does it protect?

The 4s[®] washer principle is simple. To ensure the sealing of the drum remains intact even under the most extreme conditions, each 4s[®] flange is fitted with two rubber washers instead of one. This extra washer prevents leakage more effectively. The integrity of the drum is maintained even

under extreme mechanical deformations.

This ensures your drums meet even the most stringent specifications, guaranteeing you maximum user safety and environmental protection. The picture below clearly illustrates this innovative principle of the 4s[®] closure system.

Ensuring maximum security worldwide

Combined with Tri-Sure[®] More Than Closures' global network of sales and service centers, technical support and tooling, the innovative 4s[®] closure system really is the first choice for companies who deal with hazardous or expensive contents.



All Tri-Sure[®] G2 and G3/4 4s[®] flanges are designed for maximum performance in combination with the Tri-Sure[®] R-Plug[™].

Thoroughly tested

In extreme conditions like the "8 o'clock" drop test, the 4s[®] closure system has proven to be fully leakproof, also when fitted with Optimal Drainage Drums.

Normal state

The 4s[®] closure system provides a better seal and a broader range of chemical compatibility.

Safety in the field

During extensive testing the 4s[®] closure system was fitted to a 216 liter (55 AG) steel drum and dropped from 2.1m (5 feet) in the worst diagonal position.

After critical drop test

Due to the excessive deformation at this angle, the regular washer no longer assures full leak prevention; the black nitrile back-up washer takes over security.



Options

- For protection against corrosion, the standard Tri-Sure[®] closure system is available in the zinc plated execution. You can also choose from stainless steel or unplated, tinplated or phosphated mild steel.
- Zinc plating and phenolic or epoxyphenolic lacquering is available for protection against aggressive products.

Advantages

- ✓ The Tri-Sure[®] 4s[®] closure system reduces your liability exposure.
- ✓ The drum manufacturer can supply drums performing to the highest global standards.
- ✓ Global manufacturing footprint ensures trouble-free supply.
- ✓ Drum fillers can rest assured that their product are sealed with maximum security.
- ✓ Everyone will benefit from a hazard-free environment.
- ✓ The wider chemical resistance of the two washers combined can help you to reduce your number of drum and closure specifications.

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For more information, samples or a quotation, please contact your Tri-Sure® More Than Closures worldwide Sales and Support center. Tri-Sure®, Tab-Seal®, 4s®, UNI-GRIP®, ULTRA-BOND®, Poly-Vent®, Plastirob® are registered trademarks.

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