

TETHERSAFE



Caps & Closures

TetherSafe

Key Outcomes and Measurement

- Combines functionality with regulatory compliance.
- A tethered cap mechanism that prevents cap loss.
- Ribbed textures on the cap enhance grip, opening & resealing.
- Tamper-evident band to protect product integrity.
- Integrated tether that keeps the cap attached to the bottle after opening.
- Minimised litter & ensures full recyclability.
- Meets EU Directive 2019/904.

Sustainable Packaging Guidelines



Product: TetherSafe
Company: Caps & Closures
Country: Australia

Caps & Closures is a family-owned Australian manufacturer acclaimed for its innovation, sustainability, and focus on customer success in the packaging industry. For 30 years, they have created smart, high-performance closure systems that cater to the changing needs of local and global markets in food, beverage, health, wellness, household, and more. With comprehensive in-house capabilities in design, tooling, moulding, and sourcing, they provide complete packaging solutions customised to the brand's needs. Their proactive, solution-oriented approach allows customers to discover new value through enhanced functionality, improved consumer experience, and environmental responsibility. At Caps & Closures, they don't just produce caps; they develop better ways to access, protect, and enhance the products.

ANZ REGIONAL AWARDS PROGRAM



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EXCLUSIVE ENTRY TO



WORLDSTAR
GLOBAL
PACKAGING
AWARDS

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- ✓ Integrated tethered design keeps the tamper-evident band connected to the cap after opening, helping reduce litter and supporting container deposit scheme compliance.
- ✓ Mono-material construction made entirely from polypropylene, ensuring full recyclability through kerbside systems in Australia and New Zealand.
- ✓ Tamper-evident security with a clearly visible break band for immediate assurance of product integrity.
- ✓ Improved accessibility with ergonomic grip surfaces and low opening torque designed for easy use across a broad range of consumer abilities.
- ✓ Manufactured with lightweight, resource-efficient tooling to reduce material usage without compromising strength or performance.
- ✓ Compatible with custom technologies such as Oysterlean (biorenewable material), BioShield (antimicrobial), ThermoShield (temperature-sensitive) and IDShield (counterfeit deterrent), available on request.

What volumes of materials, packaging and waste have you saved by designing this new packaging?

Did you do this through changing materials, lightweighting, recycled content, making the packs recyclable or reusable?

TetherSafe was created with the primary objective of enhancing environmental sustainability without sacrificing performance. Unlike traditional multi-part or hinged tethered closures, it features a streamlined, single-material design that is lightweight and easier to produce. This design minimises material usage from the start and improves recyclability.

The cap, made from recyclable mono-material polypropylene (PP), is fully compatible with existing kerbside recycling systems in Australia and New Zealand. It can also incorporate post-consumer recycled (PCR) content or bio-renewable materials like Oysterlean, further lowering its environmental impact. Utilising sustainable, compatible materials supports circular economy principles while ensuring mechanical integrity.

By removing separate tamper rings and detachable parts, TetherSafe reduces the risk of small plastic fragments contaminating the environment or interfering with recycling processes. Its lightweight build decreases packaging weight and transportation emissions. Although weight savings vary by size, TetherSafe offers a clear boost in material efficiency over traditional tethered or tamper-evident closures.



How much on-pack and off-pack information do you provide your customers?

TetherSafe is created to promote clear and consistent communication with consumers about sustainability. The cap fully supports the Australasian Recycling Label (ARL) system, allowing brand owners to confidently display recyclability on the packaging. When paired with a recyclable bottle, the entire pack can feature the ARL 'Recycle – Cap on' or similar label to encourage proper disposal habits.



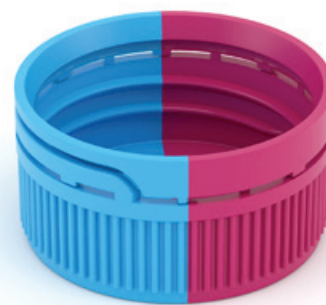
Although the cap itself does not have QR codes or printed details, many brand partners incorporate ARL logos and sustainability messages directly onto bottle labels. This helps consumers understand how to recycle the entire pack properly. It also aligns with increasing consumer demand for transparency and strengthens the environmental purpose behind TetherSafe's tethered design.

What does your company have planned in the future? Any new innovations on the horizon?

At Caps & Closures, innovation is an ongoing process woven into every aspect of our business. They are preparing to launch two new technologies in 2025 that will transform how brands approach packaging performance, sustainability, and safety. While these projects are under NDA and cannot yet be publicly disclosed, both are being developed to address specific industry needs with meaningful impact.

In addition to product innovation, they have recently completed a major plant expansion, commissioning 11 new moulding machines to support their growing production capacity. This investment ensures they can meet future demand while continuing to deliver precision, quality, and agility to their customers.

Sustainability, accessibility, and circular design remain at the heart of all future developments. Their pipeline is focused on creating packaging that helps reduce waste, improve recovery, and provide a better experience for brands and consumers alike.



NEW GENERATION
TETHERSAFE vs ORIGINAL
TAMPERSAFE



What does winning an Australasian Packaging Innovation & Design (PIDA) Award mean to you and your team?

“Winning a PIDA Award is a proud milestone for the entire Caps & Closures team, recognising our dedication to creating packaging that excels in performance, enhances user experience, and promotes environmental responsibility. Receiving this award in the Sustainable Packaging Design category confirms that our initiatives are making a meaningful difference in the industry and beyond.

This accomplishment reflects the passion and innovation that motivate our team daily. From design to manufacturing, our staff are committed to addressing real-world challenges with smarter, more sustainable packaging solutions,” says Ivan Hong, Art Director, Caps & Closures.



Australasian Institute
of Packaging

The Australasian Packaging Innovation & Design (PIDA) Awards are an Australia and New Zealand program that is coordinated by the Australasian Institute of Packaging (AIP). The awards recognise companies and individuals who are making a significant difference in their field across Australia and New Zealand. The PIDA Awards are the exclusive entry point for Australia and New Zealand for the prestigious WorldStar Packaging Awards.

The Design Innovation of the Year company awards recognise organisations that have designed innovative packaging within each of these six manufacturing categories:

- Food
- Domestic & Household
- Beverage
- Labelling & Decoration
- Health, Beauty & Wellness
- Outside of the Box

There are four special awards available:

- Sustainable Packaging Design
- Accessible & Inclusive Packaging Design
- Save Food Packaging Design
- Marketing Award

The **Sustainable Packaging Design Special Award** is designed to recognise companies that have developed innovative packaging solutions that incorporate sustainability considerations. All entries are judged on Sustainable Packaging Design considerations such as social impact, material, source reduction, energy and recovery and what packaging changes the company is undertaking to meet the 2025 National Packaging Targets. This is also a WorldStar Packaging Awards category.

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Awards on LinkedIn



Australasian Institute
of Packaging

The Australasian Institute of Packaging (AIP) is the peak professional body for packaging education and training in Australasia. The AIP helps shape the careers of generations of packaging professionals – from packaging technologists to international packaging business leaders along with a host of people in associated disciplines – sales and marketing, purchasing, production and environment.

