

HOME COMPOSTABLE CONTAINER RANGE



BioPak

Home Compostable Container Range

Key Outcomes and Measurement

- Certified Home Compostable.
- AS5810 certified compostable.
- Aqueous coated BioBoard.
- FSC Certified Paper.
- Removed the thick PLA lining.
- Dispose of in Home compost or Food & Organics Recycling (FOGO) Program.

Sustainable Packaging Guidelines



Product: Home Compostable Container Range
Company: BioPak
Country: Australia

At BioPak, they create sustainable foodservice packaging solutions that are disrupting the current take, make, waste model and leading the way toward a truly circular economy. Since they began in 2006, they have become a globally recognised brand, loved by businesses and consumers across Australia, New Zealand, the UK, the US, Hong Kong and Singapore.

Their difference is simple – their packaging solutions are better for the planet, better for people and better for business. BioPak use responsible and innovative materials made from plants, not fossil fuels, then they complete the circle at final disposal – they see composting as the best end-of-life option for their foodservice packaging.

They also believe in using business as a force for good, they are B Corp Certified and donate 5% of their profits to positive change via their Give Back Fund. Not only that, they care about business – they offer same-day delivery, have stock on hand so you can scale easily, and you can leverage the BioPak brand to win the hearts of conscious consumers.

COORDINATED BY

ANZ REGIONAL AWARDS PROGRAM

INTERNATIONALLY ENDORSED BY

EXCLUSIVE ENTRY TO

WORLDSTAR GLOBAL PACKAGING AWARDS 2025 WINNER

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- ✓ **Material Efficiency:** Uses FSC™ certified paper with an Aqueous water-based coating, replacing traditional PLA lining, making the product home compostable.
- ✓ **Lightweight Design:** The switch to Aqueous coating reduces the thickness of the lining from 30gsm to 8gsm, making the container lightweight yet structurally sound.
- ✓ **Renewable Resources:** Uses materials from renewable sources, such as FSC™ certified paper, which promotes sustainable forest management.
- ✓ **End-of-Life Compostability:** Certified home compostable to Australian Standards (AS5810); designed to biodegrade in a home composting environment without leaving toxic residues.
- ✓ **Environmental Impact:** Lower carbon footprint and reduced energy use in manufacturing, compared to traditional plastic and PLA-lined containers.
- ✓ **Source Reduction:** Reduces overall packaging weight, improving transportation energy efficiency and reducing material usage.
- ✓ **Elimination of Hazardous Materials:** Committed to phasing out all single-use plastics by 2025.
- ✓ **Consumer-Focused Disposal:** Includes clear labelling for compostability and integrates with the Compost Connect initiative to help consumers and businesses manage composting.
- ✓ **Social Accountability:** Packaging is sustainably sourced and ethically manufactured, adhering to ISO14001 environmental standards, and supports social and environmental charities through the BioPak Give Back Fund.
- ✓ **Circular Economy Support:** Contributes to diverting food and organic waste from landfills, aiding in nutrient recycling and reducing greenhouse gas emissions.



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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?

1. Material Change: The switch from PLA (Polylactic Acid) lining to Aqueous coating significantly reduces the amount of material used. PLA-lined containers require 30gsm of lining, while Aqueous-coated containers only need 8gsm. This reduction directly impacts the material usage, resulting in savings in both raw materials and packaging weight.

2. Lightweighting: By reducing the thickness of the lining and using FSC™ certified paper, the weight of each container is significantly reduced, improving transportation efficiency and reducing overall environmental impact.

3. Recycled Content and Renewable Materials: The packaging uses FSC™ certified paper, which is sustainably sourced from renewable resources, contributing to waste reduction by using materials that can be regenerated rather than relying on finite resources.

4. End-of-Life Compostability: The packaging is designed to be home compostable, meaning that it biodegrades naturally without leaving toxic residues. This eliminates the waste associated with traditional packaging disposal, such as sending it to landfills.

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

BioPak provides substantial on-pack and off-pack information for its customers, including:

On-Pack Information:

- Australian Bioplastics Association (ABA) home compostable logo and text, indicating the containers are suitable for home composting.
- The containers will be labeled with the AS5810 home compostable certification logo once certification is completed.
- Clear labeling regarding the compostable nature of the packaging, promoting responsible disposal.

Off-Pack Information:

- The Compost Connect website provides educational materials for businesses and consumers on compostable packaging and how to dispose of it.
- Additional educational content, such as the Compostable Packaging Guide, "How to Dispose of Compostable Packaging," and "Composting for Beginners," is available through BioPak's online platforms.
- Resources on sustainability practices are shared through BioPak's website and the Compost Connect initiative.



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

BioPak has several key plans and innovations on the horizon, all centred around furthering sustainability in packaging:

- **Expansion of Home Compostable Range:** BioPak aims to expand its Aqueous Home Compostable Container range to make more products compostable at home. This includes working to transition even more of its product lines from traditional materials to compostable alternatives.
- **Phasing Out Single-Use Plastics:** The company has set a goal to eliminate all single-use plastics from its range by 2025, focusing on replacing these items with compostable alternatives made from renewable resources like plant fibre and FSC™ certified paper.
- **Advancing Composting Infrastructure:** Through its Compost Connect initiative, BioPak plans to increase awareness and access to composting solutions for both consumers and businesses. This initiative helps connect foodservice businesses with commercial composters and promotes composting on a broader scale.
- **Innovation in Lightweighting and Material Efficiency:** The company is continuously exploring ways to further reduce the material weight of its products without compromising structural integrity, using advanced materials like Aqueous and PHA coatings that require fewer resources.

- **Education and Advocacy:** BioPak remains committed to educating consumers and businesses about sustainable packaging, composting, and environmental responsibility through its digital platforms, labelling efforts, and advocacy.

These future initiatives reflect BioPak's dedication to innovation in sustainable packaging, its mission to reduce waste, and its efforts to drive global sustainability efforts.



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

"We are deeply honoured to be awarded this prestigious accolade by the Australian/New Zealand Packaging industry, organised by the Australasian Institute of Packaging. At BioPak, we are committed to making a positive impact in our industry, and it is truly gratifying to receive recognition for our efforts in sustainable packaging. These awards hold a special significance as they also serve as a gateway to the esteemed WorldStar Packaging Awards, where we hope to bring home some awards as well. We are proud to be contributing to the advancement of sustainable packaging practices, and this recognition inspires us to continue our pursuit of innovation and sustainability in the packaging industry," says Annalisa Palmer, Partner Program Manager, BioPak.



Home Compostable Container Range recognised with WorldStar Packaging Award



**WORLDSTAR
GLOBAL
PACKAGING AWARDS
2025 WINNER**

Gary Smith, Managing Director, BioPak says, *"We are absolutely thrilled to receive these two WorldStar Awards. It is a real boost for the whole BioPak team who put their hearts into creating innovative and sustainable packaging solutions. This recognition inspires us to keep pushing boundaries and leading the way towards a world without waste. We truly appreciate both WorldStar and the ANZ PIDA awards for acknowledging the importance of sustainable design and for shining a light on our efforts."*



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.

Follow the PIDA 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.

