GREENY® COMPOSTABLE UNDERPADS

The compostable, breathable alternative to traditional, single use underpads

Haines® MEDICAL AUSTRALIA

Traditional, plastic-backed Bluey and Pinky underpads play a vital role in healthcare, however they have long been scrutinised - not only for their 'sweatiness', but for their environmental impact.

Blueys and Pinkies are extremely high-turnover consumables. A recent procurement audit of numerous Australian hospitals (conducted by sustainable healthcare advocacy group, TRA2SH[5]) found that between 15,600 and 96,000 Blueys were used at each site per year, relative to the number of theatres. With 1350 hospitals in Australia alone, that equates to roughly **75 million Blueys (over 1,950 tonnes) every year, taking over 100 years to break down** when disposed in landfill.[4] And that's just Blueys, not larger, thicker Pinkies.

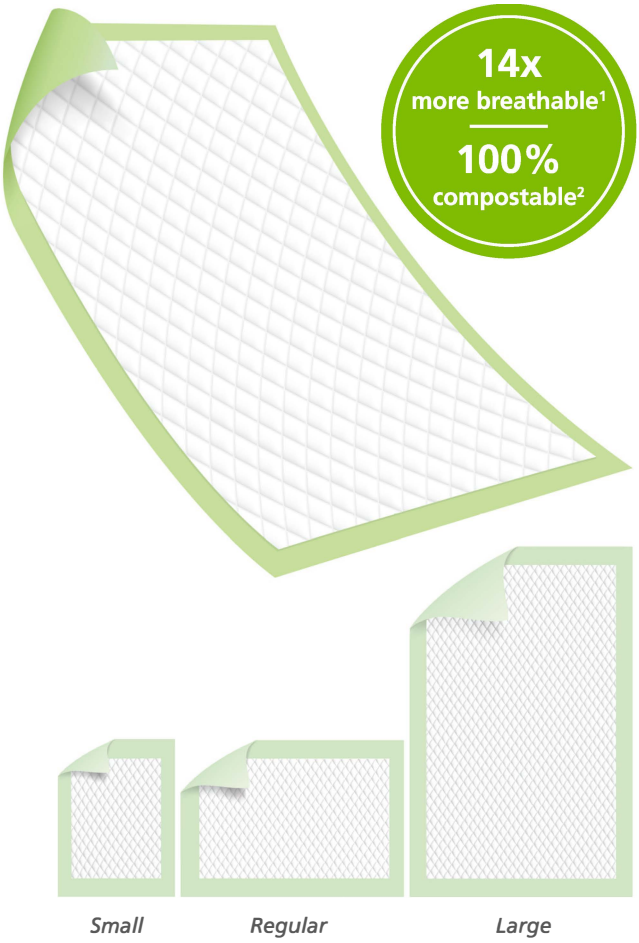
Like plastic underpads, the Greeny is designed to:

- Trap and contain liquids - protecting bedding, clothing and other surfaces from soilage and contamination.
- Provide an absorbent surface on which to perform clinical procedures.

But beyond that, Greenies are:

- **Compliant with AS 4736 compostability standards**, due to a cornstarch-based bioplastic backing and 5-ply paper fluff pulp top layer, sourced from responsibly managed forests.[1,2]
- **60% more absorbent** and **14 times more breathable** than 5-ply Blueys.[1]
- **63% better for sweat management** than Pinkies.[1] Due to a higher 'water vapour permeability', Greenies reduce the tendancy for a patient's skin to sweat like it would on a plastic-backed underpad, thereby reducing the risk of skin breakdown and associated injuries.[3]

Together, this means that Greenies can remain in place for longer - reducing underpad turnover - while providing a safer, more comfortable patient experience, with less residual impact on our environment.[1,2,3]



GREENY COMPOSTABLE UNDERPAD AS 4736 Compliant

Small - 30cm x 40cm

- **Box of 300pcs**: 6 bags of 50pcs
- **Approx weight**: 15g
- **Total fluid holding capacity:** approx. 100ml[1]

Code: **BIOPAD3040-SMALL**

Regular - 40cm x 57cm

- **Box of 250pcs**: 5 bags of 50pcs
- **Approx weight**: 29g
- **Total fluid holding capacity:** approx. 200ml[1]

Code: **BIOPAD5PLY6040**

Large - 57cm x 90cm

- **Box of 150pcs**: 6 bags of 25pcs
- **Approx weight**: 75g
- **Total fluid holding capacity:** approx. 400ml[1]

Code: **BIOPAD6090-LARGE**

FREE SAMPLE

Samples of these products are available for hospital, aged care and healthcare representatives to trial. Contact us for your samples today.

PRICES CURRENT FROM 1ST JULY 2023 PUBLISHED JULY 202

GREENY® COMPOSTABLE UNDERPADS

TEST RESULTS

Fluid Absorption

AWTA 62-1994 Section 4 Fluid Absorption Capacity	5-ply Bluey 60cm x 40cm	8-ply Bluey 60cm x 40cm	Greeny 57cm x 40cm
Percentage Fluid Absorption	397%	499%	552%
Total Product Fluid Holding Capacity	0.1 L	0.1 L	0.2 L
Fluid Holding Capacity	0.5 litre/m²	0.7 litre/m²	0.8 litre/m²

Breathability

AWTA ASTM E96-2016 Water Vapour Transmission/Breathability (Water Method)	5-ply Bluey	Greeny
Mean Water Vapour Transmission	8.968 g/24h.m²	126.306 g/24h.m²

14x MORE BREATHABLE

Sweat Management

ISO 11092-2014 Thermal Insulation (Guarded Hot Plate Test) Water Vapour Resistance	Competitor 'Pink Absorbable Underpad' (Pinky)	Greeny
Mean Fabric Water Vapour Resistance (Ret)	693.53 m²Pa/W	255.62 m²Pa/W

63% BETTER FOR SWEAT MANAGEMENT

HOW TO DISPOSE OF A USED GREENY

Green Waste/Compost Bin *(if not contaminated with bodily fluids)*	✓
Clinical Waste Bin (Incineration Stream) *(if contaminated with bodily fluids)*	✓
General Waste Bin *(if not contaminated with bodily fluids)*	✓
Recycling Bin	✗

For further information about Greeny use and disposal, please refer to the Instructions for Use and Greeny Disposal Guide/Wall Poster.

WHAT IS A COMPOSTABLE PRODUCT?

A compostable product is one capable of breaking down into soil, within **180 days**, leaving no toxicity behind.[6,7]

- Breaks down completely into all natural elements - 90% or more to CO_2 with the remaining going to water and biomass = valuable compost
- No micro-plastics
- No toxicity in soil

1. Test data and/or certification on file.
2. Intertek AS 4736 Compostability Report. Completed December 16, 2022
3. Dean, S. "Moisture Management Report". Published December 16, 2013. Reviewed July 11, 2022.
4. Grobler, S., Davies, J. Clean Up Theatre Day – "Reduce Bluey Use". ANZCA Bulletin. Accessed June 30, 2022.
5. TRA2SH. FAQ. FAQ — TRA2SH. Accessed June 30, 2022.
6. Taylor, A. "If You Throw a Compostable Cup in the Trash, Does It Still Break Down?" Published September 17, 2018. Accessed June 30, 2022.
7. European Bioplastics. "What are the required circumstances for a compostable product to compost?" Published March 2, 2016. Accessed June 30, 2022.