



Plant-Based One-Compartment Tray

Reduce plastic, chemicals of concern, and CO₂e with products made with upcycled sugarcane bagasse.



Sustainable Design

- 88% renewable bio-based material*
- Reduces CO₂e by 82%¹
- 90% plastic reduction by weight¹
- Biodegradable; rate-dependent on disposal conditions²
- Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC¹
- PFAS-free*

Clinical Performance

- Designed for use in procedures to hold fluids and medical supplies
- Coated with biocompatible film
- Durable and strong
- EO Sterilizable
- Latex-free



Product Code	Description	Units of Measure
NGS1CT-250NS	Tray, one-compartment, 9.25" x 4.75" x 2.00", non-sterile, EPP/sustainable	250 ea/cs

¹When compared to a similar leading product made with plastic. Sustainability statements are validated by third-party resources. ²Product is biodegradable in a commercial compost facility; rate depends on the facility and conditions. *Validated by third-party testing. NewGen Surgical, Inc. has earned the USDA Certified Biobased Product label for the One-Compartment Tray with 88% biobased content.

FAQ

Frequently Asked Questions

What are the materials used for the one-compartment tray?

The NewGen Surgical One-Compartment Tray is made with bagasse, a post-agricultural by-product from sugarcane production, that is upcycled to create the fiber pulp. The tray is coated with a biocompatible film that is biodegradable and meets biocompatibility standards based on ISO 10993; biological evaluation of medical devices.

How does NewGen Surgical get their products to be bright white?

The raw pulp material, bagasse, undergoes an ECF bleaching process. ECF bleaching is a chlorine-free process in which no elemental (molecular) chlorine is used in the bleaching sequences.

Can this material be sterilized?

Yes. The plant-based material maintains its performance, shape, and strength with ethylene oxide (EO) sterilization.

Is there any difference in the use of this product in the OR setting?

No. The tray was designed with OR staff in mind to provide similar clinical performance and functionality as the current plastic product.

How does the one-compartment tray promote sustainability in healthcare?

The healthcare industry is a significant consumer of plastics and one of the highest generators of waste. Healthcare is also a significant contributor of greenhouse gas emissions, up to 4.4% of the worldwide total.³ Recent studies suggest that up to 71% of this total are attributed to Scope 3 Emissions, those associated with the supply chain and the goods and services used in delivering care. NewGen Surgical products have a direct and measurable impact in reducing plastic waste and CO₂e.³ For example, by moving from petroleum to renewable input material, the compartment tray achieves an 85% reduction in CO₂e.¹

Does the one-compartment tray include chemicals of concern?

No. The tray is Prop 65 compliant and latex-free. In addition, the tray is free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC.

Can the one-compartment tray get wet?

Yes. The tray was designed to perform the same function as the existing plastic in the market – to hold fluids and instruments during a surgical procedure. Liquids should be placed into the tray and not the tray into liquids.

How can I measure the positive impact of my climate-conscious purchasing?

The Small Change, Big Impact EPP program is a tool that keeps track and reports how much single-use plastic, and Scope 3 Emissions are being reduced by using plant-based NewGen Surgical products. Customers receive quarterly updates which can be used for ESG reports and communications.

³Health Care's Climate Footprint, HCWH, September 2019. CO₂e is a measure that was created by the United Nations' Intergovernmental Panel on Climate Change (IPCC). NewGen Surgical, Inc. has been registered by Intertek as conforming to the requirements of: ISO 13485:2016. Medical Device Manufacturing License Issued by California Department of Public Health. License Number: 73698. Printed on 100% post consumer recycled paper. (If printing yourself, please consider using sustainably sourced FSC-certified paper)