



Surgical Skin Stapler

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



Sustainable Design

The skin stapler handle and lever:

- 100% renewable bio-based material*
- Reduces CO₂e by over 50%¹
- 69% plastic reduction by weight¹
- Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC¹
- PFAS-free²

Clinical Performance

- Ergonomically designed for ease of use
- Easy to see staple remaining indicator
- 35 Surgical stainless-steel staples
- Consistent, reliable staple formation
- Alignment indicator designed for accurate staple placement
- Quality assurance – each device functionally tested
- Latex-free



# of Staples	Size	Closed Position	Wire Diameter
35	12.0 x 3.3 mm	6.9 x 3.9 mm	0.58 mm

Product Code	Description	Units of Measure
NGS35W-24	Stapler, skin, 35 wide, sterile, EPP/sustainable	6 ea/bx, 4 bx/cs
NGS35W-90NS	Stapler, skin, 35 wide, non-sterile, EPP/sustainable	90 ea/cs

US Patents: 9820739, 9572575, 9226749. European Patent: EP3094265A1. Always refer to the Instructions for Use for complete instructions, warnings, and precautions: www.newgensurgical.com/ifu. *Bio-based material percentage is tested and verified through the USDA BioPreferred Program. ¹ When compared to a similar leading product made with plastic. Plastic and carbon reductions are validated through the Small Change, Big Impact EPP Program created in conjunction with environmental scientist, Ann Blake, Ph.D. ² Validated by SGS North America.

FAQ

Frequently Asked Questions

What are the materials used for the skin stapler?

The handle and lever of the NewGen Surgical Skin Stapler is made with bagasse, a post-agricultural by-product from sugarcane production, that is upcycled to create the fiber pulp. The plastic and metal components used in the staple delivery portion (the subassembly) are made from medical-grade plastic and surgical stainless steel.

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 skin stapler was designed with surgeons in mind to provide a consistent, reliable staple formation and performance for routine skin closure.

How does the skin stapler 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 skin stapler achieves a 50% reduction in CO₂e.¹

Does the skin stapler handle and lever include chemicals of concern?

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

Can the skin stapler get wet?

The skin stapler can withstand limited contact fluids (wet gloves), but not excessive exposure to liquids. Care should be taken to keep the stapler dry and away from exposure to fluids until use.

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. Sustainability statements are validated by third-party resources. 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. NewGen Surgical, Inc. has earned the USDA Certified Biobased Product label for the Surgical Skin Stapler with 30% biobased content. Printed on 100% post consumer recycled paper. (If printing yourself, please consider using sustainably sourced FSC-certified paper)