

SULAPAC

Sulapac® materials for cutlery



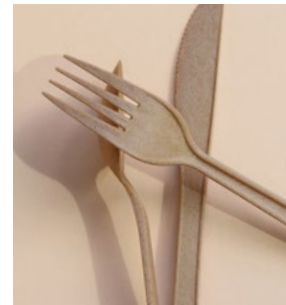
Sustainable. Beautiful. Functional.

SULAPAC MATERIALS FOR CUTLERY

UNIVERSAL:

Fully bio-based material with beautiful, natural appearance. Ideal for sturdy, premium cutlery.

Flex 1.5%
Bio-based 100%



UNIVERSAL FLEX 30:

Highly functional material optimized for fast processing. Ideal flexural strain (2.6%) and impact strength (12 kJ/m²).

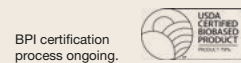
Flex 2.6%
Bio-based 79%



UNIVERSAL HEAT 30:

Optimized for high heat resistance without additional processing or post treatment. Ideal flexural strain (2.9%) and impact strength (8-10 kJ/m²).

Flex 2.9%
Bio-based 70%



UNIVERSAL HEAT 35:

Optimized for high heat resistance without additional processing or post treatment. Ideal for sturdy, premium cutlery.

Flex 1.5%
Bio-based 85%



Find the technical details on:
sulapac.com/cutlery



Safe for people and the planet

No permanent microplastics
or toxic load⁶

Sulapac® is the leading eco-friendly material for reusable cutlery providing superior user experience and manufacturing excellence.

SUPERIOR USER EXPERIENCE

- Strong and splinter-free
- Heat resistant options available¹
- With natural look and feel

SUSTAINABILITY LEADER

- Bio-based²
- Reusable³, recyclable and compostable⁴
- Low carbon footprint⁵

MANUFACTURING EXCELLENCE

- Excellent processability
- Fits existing production lines
- First-class technical support available

Our experts are there to help you succeed:
sulapac.com/contact

Designed like nature



SULAPAC

STAND OUT FROM THE COMPETITION
WITH SULAPAC®

Sulapac makes your cutlery strong and sturdy and gives them a unique, natural look and feel – unlike most of the other bio-based alternatives.

Unlike wooden utensils, Sulapac adds no flavor to your food and has a nice smooth surface finish. Unlike PLA, Sulapac can provide great heat endurance¹. Food contact compliant in EU and/or FDA, depending on material grade⁷.



Sulapac cutlery can be reused over and over again³ with zero permanent microplastics or toxic load left behind⁶.

¹ Heat resistance properties depend on material grade and design & dimensions of the end product.
² Contains from 70% up to 100% USDA certified biobased content, depending on the material grade.
³ Materials are suitable for repeated use as per European Commission regulation (EU) No 10/2011. Dishwashability tested according to EN 12875 standard with 20 washing cycles.
⁴ Suitability for both mechanical and chemical recycling has been proven by independent third parties. The compostability has been tested according to EN 13432 and ASTM D6400. BPI and Seeding certification status depending on the material grade.
⁵ 0,09 kg CO2eq/kg for Sulapac Universal (critically reviewed cradle-to-gate LCA, including biogenic carbon, performed by an independent third-party consultancy). Carbon footprint of polypropylene is typically around 1,6-1,9 kg CO2eq/kg.
⁶ Ecotoxicity and threshold values for heavy metals tested according to EN 13432. Food contact compliant. Biodegradation of 58-74 % in 462 days in the marine environment ASTM D6691(B6oF/30oC). Not considered biodegradable in California.
⁷ Restrictions and specifications of use apply, please refer to relevant Declaration of Compliance for further information.

AL BAYADER’S ECO-FRIENDLY
CUTLERY MADE OF SULAPAC®

Al Bayader, a leading manufacturer and supplier of food packaging solutions, chose Sulapac® material for their eco-friendly cutlery. The Fun Gaïa cutlery can be found in Carrefour, Waitrose, Spinneys, and Amazon in the United Arab Emirates.

Fine wood chips give Fun Gaïa cutlery a unique natural look. Furthermore, their usability is superior compared to other sustainable alternatives. Fun Gaïa cutlery is safe to use with all kinds of food items – and it is safe for the planet too. Fun Gaïa cutlery biodegrades without leaving permanent microplastics behind⁶, also if accidentally leaked to the environment.



UNIQUE COMBINATION OF FEATURES

See how Sulapac performs in comparison with the main competitors.

	SULAPAC	Wooden	PLA	CPLA
USER EXPERIENCE				
Strong and splinter-free	● Yes	● Ok	● Ok	● Good
Cutting capability	● Good	● Poor	● Ok	● Good
Heat resistance	● Good	● Good	● Poor	● Good
Natural look & feel	● Yes	● Yes	● No	● No
SUSTAINABILITY				
Bio-based	● Yes	● Yes	● Yes	● Yes
Reusable	● Yes	● No	● Yes	● Yes
Recyclable	● Yes	● No	● Yes	● Yes
Industrially compostable	● Yes	● Yes	● Yes	● Typically thin objects only
Biodegradation in open environment	● Fast	● Like natural wood	● Slow	● Slow
MANUFACTURING EXCELLENCE				
Investment in new equipment	● Low	● High	● Low	● Medium
Mass production capability	● Good	● Good	● Ok	● Ok
Competitive price	● Yes	● Yes	● Yes	● No

Learn about the scientific background at: sulapac.com/key-features/

ACCELERATING A PLASTIC WASTE-FREE FUTURE

Sulapac helps companies world-wide to replace conventional plastic with sustainable materials that are beautiful and functional. Like nature.

The switch from conventional plastic is easy to make: Sulapac materials fit existing production lines and have excellent processability. No extra steps needed in the converting process compared to conventional plastic.

Sulapac materials and products have already been adopted by numerous brands and converters in Europe, the US, Canada, and Asia. Join the forerunners and start building a cleaner future today!

A TRULY SUSTAINABLE CHOICE

The bio-based² Sulapac materials are made with recycled content and are both recyclable and industrially compostable⁴. Their carbon footprint is low⁵.

Sulapac® is safe for people and the planet: it biodegrades faster than its competitors and releases no permanent microplastic or toxic load during use nor end of life⁶, which makes Sulapac® the most sustainable biomaterial alternative in the reusable & single-use cutlery market today.

Switch to Sulapac® and start producing the most sustainable cutlery in the market with superior user experience and manufacturing excellence.

