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%

BPI certification process ongoing.

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%

BPI certification process ongoing.

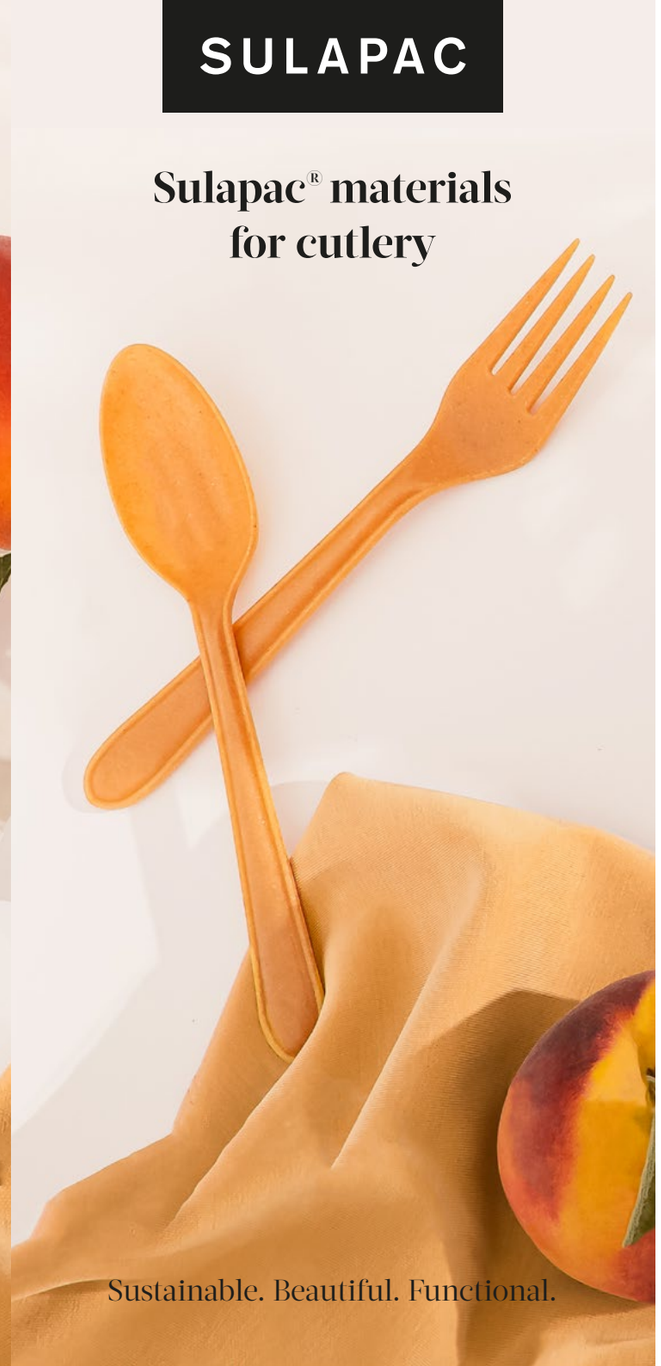
Find the technical details on:
sulapac.com/cutlery

Designed like nature

SULAPAC

SULAPAC

Sulapac® materials for cutlery



Sustainable. Beautiful. Functional.

Safe for people and the planet

No permanent microplastics or toxic load[6]

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 available[1]
- With natural look and feel

SUSTAINABILITY LEADER

- Bio-based[2]
- Reusable[3], recyclable and compostable[4]
- Low carbon footprint[5]

MANUFACTURING EXCELLENCE

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

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

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 endurance[1]. Food contact compliant in EU and/or FDA, depending on material grade[7].

Sulapac cutlery can be reused over and over again[3] with zero permanent microplastics or toxic load left behind[6].

[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 Seedling 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(86oF/30oC). Not considered biodegradable in California.

[7] Restrictions and specifications of use apply, please refer to relevant Declaration of Compliance for further information.

EURO-SOLUTIONS ECO-FRIENDLY CUTLERY MADE OF SULAPAC®

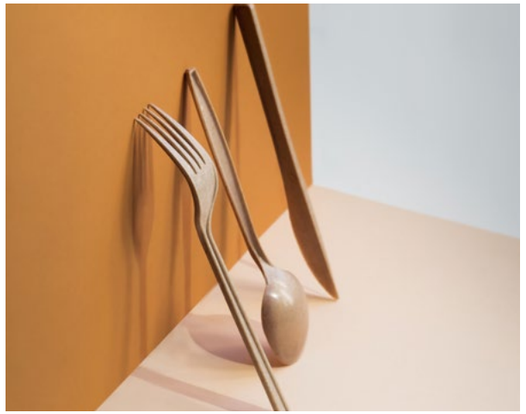
Euro-Solutions, a manufacturer and supplier of cutleries, chose Sulapac® material for their eco-friendly cutlery.

Fine wood chips give the cutlery a unique natural look. Furthermore, their usability is superior compared to other sustainable alternatives. Euro-Solutions cutlery is safe to use with all kinds of food items – and it is safe for the planet too.

The cutlery biodegrades without leaving permanent microplastics behind, also if accidentally leaked to the environment.

euro-solutions

www.bio.cutlery.com



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-based[2] Sulapac materials are made with recycled content and are both recyclable and industrially compostable[4]. Their carbon footprint is low[5].

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 life[6], 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.