

NEW:
Tubes and
Tips BioBased

RENEWABLE FEEDSTOCK

ISCC PLUS
023 02447 2368 5668 KMDD 0235

RECYCLING
VEGETABLE OIL REFINING
023 02447 2368 5668 KMDD 0235



2nd Generation Feedstock – 1st Class Consumables

Meet your own sustainability targets with Eppendorf Tubes® and Tips BioBased

Your Future Lab Perspective

»Making polymer products and components substantially and measurably more sustainable according to the »Reduce, Reuse, Recycle« concept without compromising product quality and performance«

Since oil-based plastic consumables have replaced glass consumables, they have become irreplaceable in laboratories around the world, providing quality standards needed in increasingly demanding research. This is a growing challenge in respect to sustainability.

Thus, Eppendorf not only focuses on the development of new products but also on new, more environmentally friendly manufacturing materials. For the first time, we are in a position to offer a generation of Eppendorf Tubes® with screw caps and pipette tips as well as filter pipette tips made of a certified polypropylene based on renewable reused raw materials.

About Bio-based Polymers Used for Eppendorf Tubes® and epT.I.P.S.® BioBased

To increase the sustainable properties of plastic used for the production of lab consumables, we must make and use plastics more sustainably using recycled and renewable feedstocks.

- > In the bio-based polymer production, fossil raw material is replaced with sustainable raw material produced from bio-based waste and residues (2nd generation renewable feedstock).
- > The renewable feedstocks used to produce the raw materials can be backtraced to the first collection points. The origin of the renewable raw materials from carefully selected suppliers committed to sustainability is assured.
- > The final polymers are sustainability certified by »ISCC PLUS« – the leading global certification scheme for manufacturers of bio-based polymers and downstream converters.



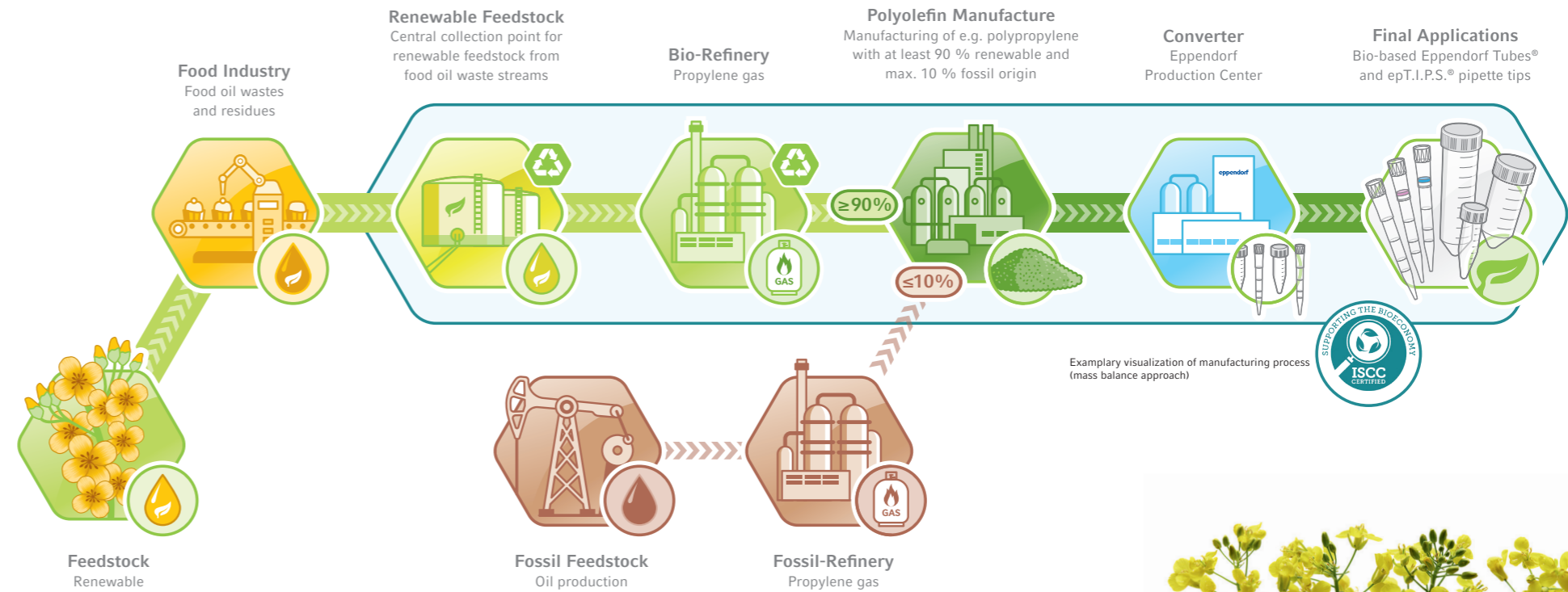
About »ISCC PLUS« Certification



ISCC PLUS (International Sustainability & Carbon Certification) is a global certification program for circular economy and bioeconomy. The certification enables traceability along the entire supply chain.

- > ISCC PLUS offers market participants and producers from the food and feed, chemical, pharmaceutical and bioplastic industries to obtain sustainability certificates. With an ISCC PLUS certification, companies ensure that the entire supply chain from agriculture to the finished end product has been audited. The certification is also applicable to products based on waste, residues and recyclable materials.
- > ISCC supports the transition to a circular economy and bioeconomy and brings many benefits to businesses and the environment like e.g.:
 - Traceability throughout the supply chain
 - Proof of identity of raw materials
 - Clear and third-party verified information
 - Strengthening consumer confidence through independent certification system

More information: www.iscc-system.org



Exemplary visualization of manufacturing process (mass balance approach)



About »ACT« Certification

Independent Validation

mygreen lab. provides independent validation and certifies lab products with »ACT – The Environmental Impact Factor Label« as a third party organization. Meanwhile, Eppendorf has a growing number of ACT validated and certified Eppendorf products, e.g. different tips, tubes, ULT freezers, pipettes, and more to come.

More information: <https://actdatabase.mygreenlab.org>

»The ACT Label was designed to address the need of both scientists and procurement specialists for clear, third-party and independently verified information about the environmental impact of laboratory products. By emphasizing Accountability, Consistency, and Transparency (ACT) around manufacturing, energy and water use, packaging, and end-of-life, ACT makes it easy to choose more sustainable products.«

More information: <https://act.mygreenlab.org>

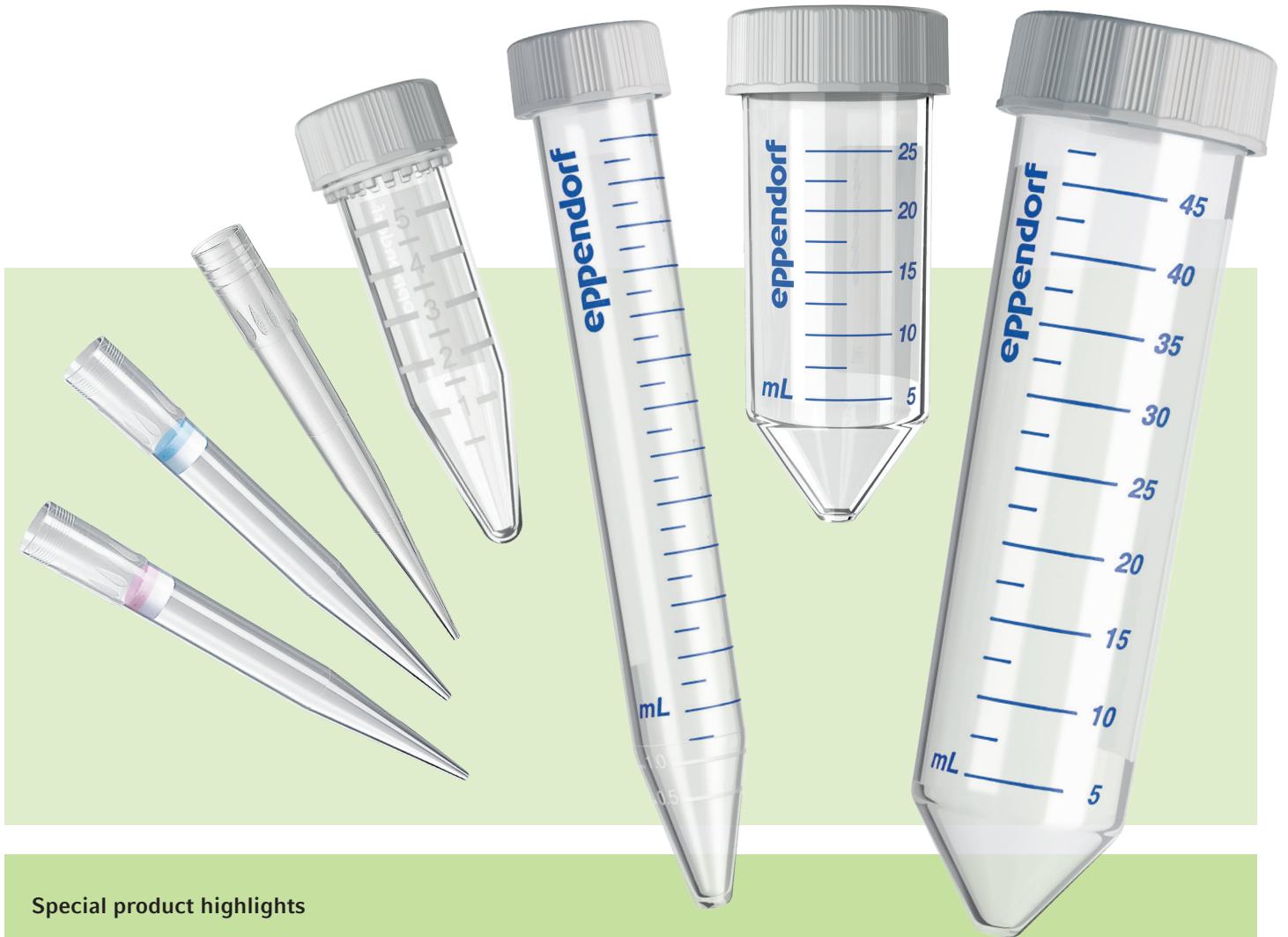


Eppendorf Tubes® BioBased 25 mL	
Eppendorf ep Dualfilter T.I.P.S.® SealMax®, Reloads, BioBased, Biopur®, 50 - 1000 µL, 76 mm, blue, 960 Tips (10 Trays x 96 Tips) Oldenburg, Germany SKU 0030081277	
Environmental Impact Scale Decreasing Environmental Impact	
1	10
Manufacturing	
Manufacturing Impact Reduction	1.0
Renewable Energy Use	Yes
Responsible Chemical Management	1.0
Shipping Impact	8.7

From Used Cooking Oil to High-Value Products

Bio-based pipette tips are available as epT.I.P.S.® BioBased Biopur®, ep Dualfilter T.I.P.S.® BioBased and ep Dualfilter T.I.P.S.® SealMax® BioBased

Eppendorf Tubes® BioBased, Sterile, with screw caps are available in volumes of 5 mL, 15 mL, 25 mL and 50 mL



Special product highlights

- > The Eppendorf Production Center in Oldenburg / Germany is ISCC PLUS (International Sustainability & Carbon Certification) certified
- > ACT labeled (Accountability, Consistency, Transparency) – Environmental Impact Factor Certification conducted by My Green Lab®
- > Tubes* and Tips are made from at least 90 % renewable feedstock (recycled e.g. from food oil wastes and residues), applying ISCC mass balance approach. For details, see the product label
- > General Quality Certificates/Compliance with Standards are available separately for Eppendorf Tubes® and epT.I.P.S.® BioBased
- > Product-specific and lot-specific purity certificates as well as an ISCC sustainability declaration for Eppendorf Tubes® and Tips BioBased



* The screw caps are actual fossil-based material. The material switch will be made to BioBased in 2023.

Identification Feature

- > Eppendorf Tubes BioBased are packed in resealable bags and in a folding box
- > epT.I.P.S. BioBased are available in Sterile Reloads packed in a folding box
- > On the bag and on the folding box you find an explanatory additional label placed below the product label on the tubes bag and on the short side of the folding boxes



These tubes* are made with at least 90% biobased plastic. The plastic can be traced back to biological waste material which is attributed to these tubes via the ISCC mass balance approach. By choosing these consumables, our customers help to significantly reduce the amount of fossil resources required for their production.

* The screw caps are actual fossil-based material. The material switch will be made to BioBased in 2023

The enclosed pipette tips without the filter are made of ISCC certified plastic, the plastic can be traced back to biological waste material which is attributed to these tips via the ISCC mass balance approach.

By choosing these tips, our customers help to significantly reduce the amount of fossil resources required for the production.



Interested in Eppendorf Tubes® BioBased or epT.I.P.S.® BioBased? Please visit our website: www.eppendorf.com/eshop

Your local distributor: www.eppendorf.com/contact
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eppendorf@eppendorf.com · www.eppendorf.com

www.eppendorf.com/BioBased

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 ISCC Plus is a logo from ISCC System GmbH, Germany.

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