ORSING

BIO LINE

Products in bio-based fossil-free Green PE
For a sustainable future

Orsing - for a sustainable future

ORSING

The future of your Dental Practice

J. H. Orsing AB, as a manufacturer of dental supplies makes a huge difference when it comes to global warming by reducing greenhouse gases. As a leading manufacturer of saliva ejectors and aspirator tubes, we are widening our Bio line with products in bio-based fossil-free Green PE for a sustainable future.

Important

- Green PE is a bio-based fossil-free polyethylene produced from sugarcane.
- Conventional PE emit 3.1 kg CO2/kg. Green PE emit zero CO2 and additionally absorbs 2.12 kg CO2/kg, a reduction of CO2 with >160%.
- Sugarcane is renewable up to eight harvests. No or low need for machines, in between harvests.
- Photosynthesis. The large green leaves absorb a huge amount of CO2 while growing.
- Sugarcane is grown where rainforests and agriculture do not thrive or fit.
- The additional cost per patient and your investment for a sustainable future is low.

Together for a sustainable future!

Hygoformic® Bio

Hygoformic, the original saliva ejector with tongue holder used by dentists all over the world since the 50's. Made of fossil-free Green PE. Single use.

- Adjustable, to fit all
- Environmentally friendly
- High capacity and tissue friendly
- Tongue holder
- Handsfree
- Adult and child size

Hygoformic® Bio Adaptor

The environmentally friendly version of the traditional Hygoformic soft adaptor. Partly made of fossil-free Green PE. Single use.

Scantube® Bio

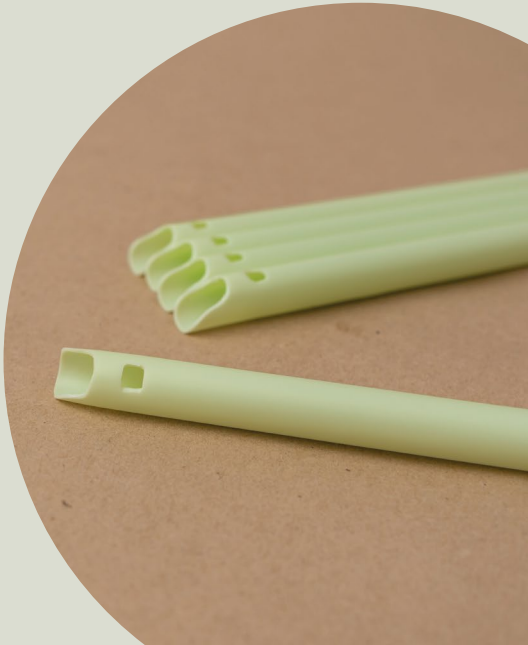
Scantube Bio aspirator tube with double 45° cuts. Fit 11 mm evacuation system. Length 135 mm. Made of fossil-free Green PE. Single use.

- Environmentally friendly
- Dual tips, 45° + 45°

Scantube® Vent Bio

Scantube Vent Bio aspirator tube with double S-shape cuts and a rectangular ventilation hole. Fit 11 mm evacuation system. Length 145 mm. Made of fossil-free Green PE. Single use.

- Environmentally friendly
- Dual tips, S-shape + S-shape
- Ventilated, to avoid getting stuck



Hygovac® Bio

Hygovac Bio aspirator tube with dual tips, S-shaped and 45°. Fit 11 mm evacuation system. Available in two lengths 95 mm and 120 mm which widens the field of application. Made of fossil-free Green PE. Single use.

- Environmentally friendly
- Dual tips, 45° and S-shaped
- 95 mm, when working without assistance

Hygovac® Vent Bio

Hygovac Vent Bio aspirator tube with dual tips, S-shaped and 45°. Ventilated at both ends to make it more pleasant for the patient. Fit 11 mm evacuation system. Length 140 mm. Made of fossil-free Green PE. Single use.

- Environmentally friendly
- Dual tips, 45° and S-shaped
- Ventilated, to avoid getting stuck

Hygo® Tip XL Bio

Hygo Tip XL Bio aspirator tube with a 16 mm diameter offers a high suction capacity. The sturdy design works as tongue holder and allows retraction of the cheek. Ventilation grooves to avoid getting stuck. Hygo Tip XL Bio is made of fossil-free Green PE and autoclavable PP. Single use.

- Environmentally friendly
- High suction capacity, 16 mm
- Sturdy design, works as tongue holder
- Ventilated, to avoid getting stuck

H16-11 Bio Adaptor

Reduction adaptor 16-11 mm for connection of Hygo Tip XL Bio to 11 mm evacuation system. The adaptor is made of fossil-free Green PE and autoclavable PP. Single use.

Spotnix® Bio

Spotnix Bio, 11 mm aspirator tube with soft well-shaped edges. Length 120 mm. Ventilated and more pleasant for the patient. Made of fossil-free Green PE and autoclavable PP. Single use.

- Environmentally friendly
- Tissue friendly, rounded edges
- Ventilated, to avoid getting stuck

Bio Cup

Bio Cup an environmentally friendly dental rinsing cup made of bamboo. By replacing conventional rinsing cups in plastic with bamboo, we reduce the level of carbon dioxide in the atmosphere and help save the planet for future generations. 21 cl. Single use.

- Environmentally friendly
- Water based coating
- PE and PLA free

ORSING's Environmental Focus for a Sustainable Future

Orsing go fossil-free.
We believe that manufacturers of dental supplies can make a significant difference when it comes to global warming by reducing greenhouse gases in their production. To reduce the carbon footprint and curb global warming, it's important to reduce our use of fossil resources and our share of greenhouse gas emissions. By using bio-based raw material in products and packaging, we reduce the level of carbon dioxide in the atmosphere, which is an important factor for our planet and future generations.

Therefore, we replace regular plastic with sugarcane-based PE.
Green PE is plastic made from a sustainable raw material, where bioethanol is extracted from Brazilian sugarcane and used to create polyethylene for the production of green plastic. Polyethylene made from sugarcane has similar properties as conventional polyethylene made from fossil raw materials in terms of application and performance. Conventional PE emit 3.1 kg CO2/kg. Green PE emit zero CO2 and absorb 2.12 kg CO2/kg, a reduction of CO2 with >160%. This ability to reduce carbon levels in the atmosphere is higher than in any other biopolymer due to the polyethylene molecule's high absorption capacity of carbon and because of the sugarcane being used both as a raw material (sugar) and an energy source (bagasse).

The environmental point of view with material transport from Brazil to Sweden.
To answer this question, we need to draw a parallel between fossil and biobased materials. How much CO2 emissions do we save by replacing 1 kg of fossil plastic with Green PE? The short answer: We save 5 kg CO2/kg plastic that we replace with bio-based material, transport included.

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