

Sustainability at Serres

Bringing responsible workflow to the operating room

We are a partner for hospitals that demand proven reliability, safety, and lower CO₂ footprint from medical suction and fluid waste disposal.



Helping hospitals to reach their net-zero targets is a high priority to us

25-30% of hospital carbon footprint originates from the hospital operating room.



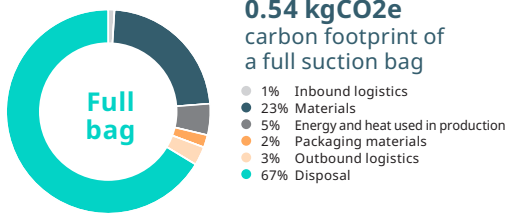
To understand how we can support hospitals in reaching their sustainability targets, we calculated the LCA of the entire carbon footprint of the 2-liter Serres Suction bag. We used two scenarios for the LCA: a full Serres Suction bag and an empty Serres Suction bag. Serres Nemo was used to dispose of the fluid. We then applied the data to **10 000 bags/year**, the standard yearly use per operating room.



Case study: LCA calculation of a 2-liter Serres Suction bag

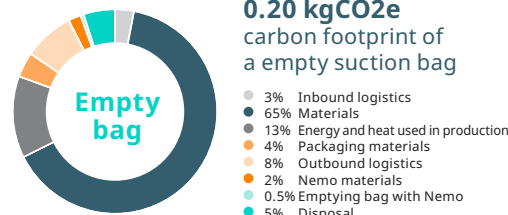
1 Full suction bag disposed

Largest emissions come from the disposal (67%) phase and raw materials.



2 Suction bag emptied with Serres Nemo before disposal

Largest emissions for emptied bag comes from raw materials (65%), second largest is energy and heat (13%) used in production.



Using Serres Nemo for disposing 10 000 suction bags:

- 22 tons** less waste
- 97%** emission reduction with Serres Nemo
- 3,500 kg CO₂e** less emissions with Serres Nemo and re-use of waste box

Sustainability report 2023 – our priorities

1 Active work for better environment

- Circular Economy Center of Excellence established in 2023.
- Commitment to Responsible Care since 1999.
- Following LCA Methodology and REACH Regulation No 1907/2006 and RoHS Directive 2011/65/EU.

3 Responsible business conduct

- Code of conduct placed for employees, suppliers, and distributors.
- 93% of suppliers are based in the EU.

2 Patient and healthcare professional safety

- Suction bags: For every million uses, only 1 reported failure.
- Product availability; delivery assurance 95.5%.
- Extensive quality procedures, reporting, and audits.

4 Well-being of our employees

- Gender equality; female 59%, male 41%.
- Number of lost time injuries 0 (2023).



Read more about our sustainability



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