

OUR ENVIRONMENTAL, SOCIAL & CORPORATE GOVERNANCE (ESG) COMMITMENT

OUR COMMITMENT TO THE FUTURE

We are publicly sharing our strategies to achieve the following goals:



Cut our organizational emissions in half by 2030



Achieve Net Zero by 2050



Develop and release a climate resilience plan

HALYARD* Sterilisation Wrap: environmental update

FACILITY

We measure greenhouse gas ("GHG") emissions, water usage, and waste at our manufacturing sites to set and implement site-specific goals that are intended to reduce our environmental footprint.

Manufacturing GHG Emissions (tCO ₂ e) ¹	2019	2020	2021	2022
Scope 1 (Direct)	10,198	10,455	14,424	10,465
Scope 2 (Indirect)	76,792	81,655	79,629	77,078

HALYARD* Sterilisation Packaging material is produced in Lexington, North Carolina. The Lexington facility contributes to Owens & Minor sustainability goals by routinely maintaining recycling rates approaching 95% of all waste generated at the facility, contributing to energy & water efficiency by retrofitting the facility with new LED lighting and cooling tower enhancements, and incorporating circular processes in the facility, capturing process scrap to be reused on site or sold to 3rd party vendors who reprocess the scrap into recycled resin to be used in manufacturing new products.

MATERIAL

All HALYARD* Sterilisation Wrap products are made from polypropylene (PP), which can withstand thermal or other sterilisation modalities; it is widely used within the medical environment and industrial or lab applications.



Recyclable plastics are classified in resin categories and often labelled to facilitate appropriate sortation and handling at recycling facilities. Polypropylene (labelled as recyclable resin #5) is a highly recyclable material.

Recycling sterilisation wrap into PP pellets is a viable option as the used wrap results in a homogenous, clean, reusable resin.

¹ Source: Owens & Minor 2022 Environmental, Social, and Governance Report. Scope 1 defined as emissions directly related to the organization, Scope 2 defined as emissions from purchased energy

FEASIBILITY



To get a better understanding of the recycling models, Halyard set up a pilot project in 2 German hospitals, this resulted in a collection of 1500kg of clean, used HALYARD* Sterilisation Wrap over a period of 4 months. 2 different recycling companies turned the wrap into PP pellets ready for use in the commodity industry.

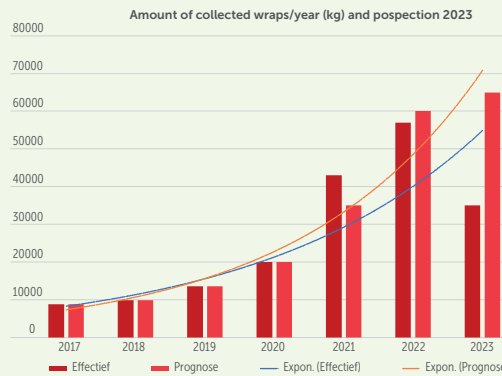
One of the major lessons learned was the set-up of the waste disposal area which may differ and depends on the available space: both a press container and transparent bags are viable options.



3rd PARTY PROJECTS INVOLVING O&M HALYARD STERILISATION WRAP



The Thermal Compaction Group (TCG) in UK developed the Sterimelt: the Sterimelt melts the wrap into PP blocks reducing the volume with 85%** which reduces the need for storage space and makes transportation more efficient.



The Belgian Enadvis collected 187 tons of wrap between 2017 and the first half of 2023**: that represents 2.3 Mill. km's that have not been driven with a diesel car.

The recycled pellets are mainly used in the automotive industry.



Greencycl (NL) continuously refines their processing techniques: their aim is true circularity by turning hospital waste back into products that can be used in the hospital environment.

The GO JACK** instrument opener made from recycled sterilisation wrap is manufactured by Van Straten Medical and endorsed by GreenCycl.

** Information published with the approval of the Thermal Compaction Group (tcgsolutions.co.uk), Enadvis, Greencycl (greencycl.org) and Van Straten Medical (vanstratenmedical.com)



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