

# Sustainability for the Healthcare Industry

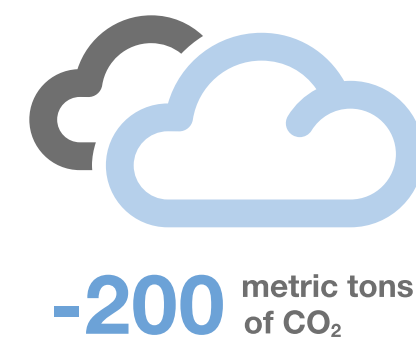
Requirements and Intelligent Solutions



**Sustainability is a term that has its origin in forestry and was first used in 1713 by Carl von Carlowitz in his book “Silvicultura oeconomica.” Today, more than 300 years later, the term has a much broader definition and has become an integral component of corporate policies. Schreiner Group’s concept of sustainability is a holistic system consisting of economic success, environmental responsibility and social engagement. The Schreiner MediPharm business unit as a partner and solutions provider to the healthcare industry is part of this value system.**

### **Sustainable Business Practices in Focus**

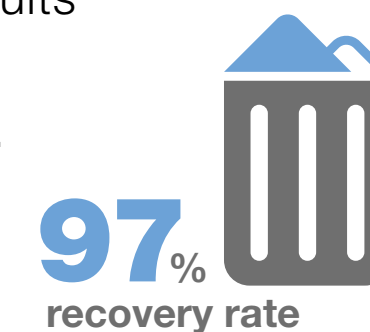
Schreiner Group has consistently been thinking and acting in the spirit of sustainability for many years. In addition to securing jobs and acting ethically, sustainable business practices include responsible care for the environment: In all areas of the organization and processes, attention is paid to energy efficiency, reduction of CO<sub>2</sub> emissions as well as careful and sparing use of resources. High quality standards and several Environment, Health and Safety (EHS) certifications underscore this commitment.



200 metric tons of CO<sub>2</sub> emissions per year are saved due to the use of geothermal energy for heating the production facilities and two photovoltaic systems on the

roofs of the parking garages at the company’s headquarters in Oberschleissheim.

An intelligent separation and sorting system for waste that cannot be avoided results in nearly 100-percent recovery of the more than 40 waste fractions. The recycling rate in 2022 was 13%. The recovery rate is 97%.



With its product solutions for the healthcare industry, Schreiner MediPharm makes a major contribution to sustainability while pursuing the goal of proactively developing innovative products that additionally assist pharmaceutical manufacturers in implementing their sustainability targets.



Schreiner MediPharm is one of the founding members of the Alliance to Zero, an alliance of eight companies along the pharmaceutical supply chain. The non-profit alliance aims to support companies in the pharmaceutical and biotech sectors in order to facilitate their transition to net-zero emissions in accordance with the goal of the Paris Agreement.

[alliancetozero.com](https://alliancetozero.com)

## Awards for Needle-Trap



### Sustainable Product Design

At Schreiner MediPharm, holistic sustainability considering the product lifecycle and the entire supply chain starts as early as in the product development stage. For instance, only raw materials from selected suppliers conforming to the high standards of a Code of Conduct for sustainable and ethical business practices are used. All ingredients are checked for their compatibility with environmental and health requirements before being processed. The packaging content is minimized and recyclable materials are primarily utilized. Generally, every product design is focused on the customer's specific application and the resulting requirements in order to find the optimal solution.



### Needle-Trap for a Reduced Environmental Footprint

Needle-Trap is a label for prefilled syringes with an integrated needle trap that helps to protect against needlestick injuries. Compared to conventional needle protection systems, it contains far less plastic and features a very compact design so that there is no need to modify the secondary packaging. Thus, the syringe with an applied needle trap label requires minimal space during transportation, storage and disposal. This saves costs, reduces the environmental burden and results in a reduced environmental footprint. Various awards for Needle-Trap emphasize its contribution to environmental protection, among other things.



### Functional and Sustainable

Innovative functional labels for primary containers can generally contribute to sustainability, such as Booklet-Labels: Important product information provided on many pages in several languages and directly applied to the medicine container is printed on particularly thin and recyclable paper. Appropriate online solutions and label-integrated codes can completely replace printed patient information leaflets normally inserted in secondary packaging and extensive documentation.



### Strong Customers Demand Strong Suppliers

Many pharmaceutical companies have defined respective standards and goals underscoring their responsibility for people, the environment and society. They focus on the entire supply chain in this context in order to enhance the sustainability of products and processes. Aspects such as environmental management, health and workplace safety as well as compliance with applicable laws and regulations are becoming increasingly important factors of supplier evaluations.

Schreiner MediPharm takes all of these aspects into account. With its intelligent, customized label solutions for the healthcare industry, the business unit of Schreiner Group actively supports pharmaceutical manufacturers in achieving their sustainability goals. Moreover, as a certified A-level supplier and strategic partner of leading pharmaceutical corporations, Schreiner MediPharm provides comprehensive advice and assistance to its customers—from the development process to commercial production.

### Selected Environment, Health and Safety (EHS) Certifications, Related Awards and Memberships of Schreiner Group

#### Certifications



EMAS  
Eco-Management  
and Audit Scheme



ISO 14001  
International environmental  
standard



ISO 45001  
Occupational  
health and safety

#### Awards



Future Award Munich  
District 2022



Gold rating by  
EcoVadis

#### Memberships



Bavarian Environmental  
Pact



Corporate climate  
protection network





Schreiner Group's 2023 Sustainability Report can be found at [www.schreiner-group.com/Sustainability-Report](http://www.schreiner-group.com/Sustainability-Report)

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