

Innovative labels. Smart solutions.

schreiner
MediPharm

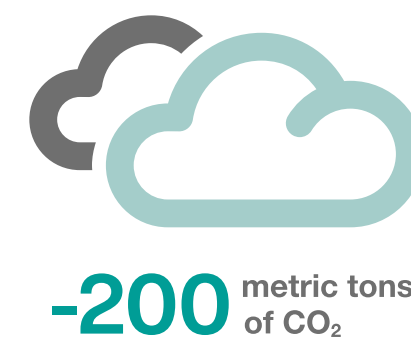
Sustainability for the Healthcare Industry

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 “Sylvicultura 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 health-care industry is part of this value system.

Sustainable Business Practices in Focus

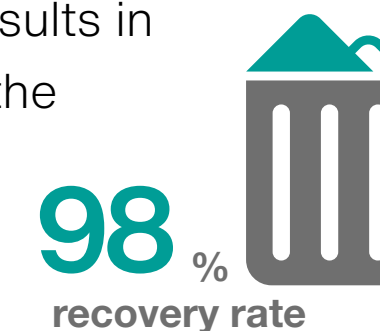
Schreiner Group has consistently been thinking and acting in the spirit of sustainability for many years. In addition to securing jobs and acting ethically, sustainable business practices include responsible care for the environment: In all areas of the organization and processes, attention is paid to energy efficiency, reduction of CO₂ 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 CO₂

200 metric tons of CO₂ 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 2023 was 19%. The recovery rate is 98%.



98 %
recovery rate

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

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.



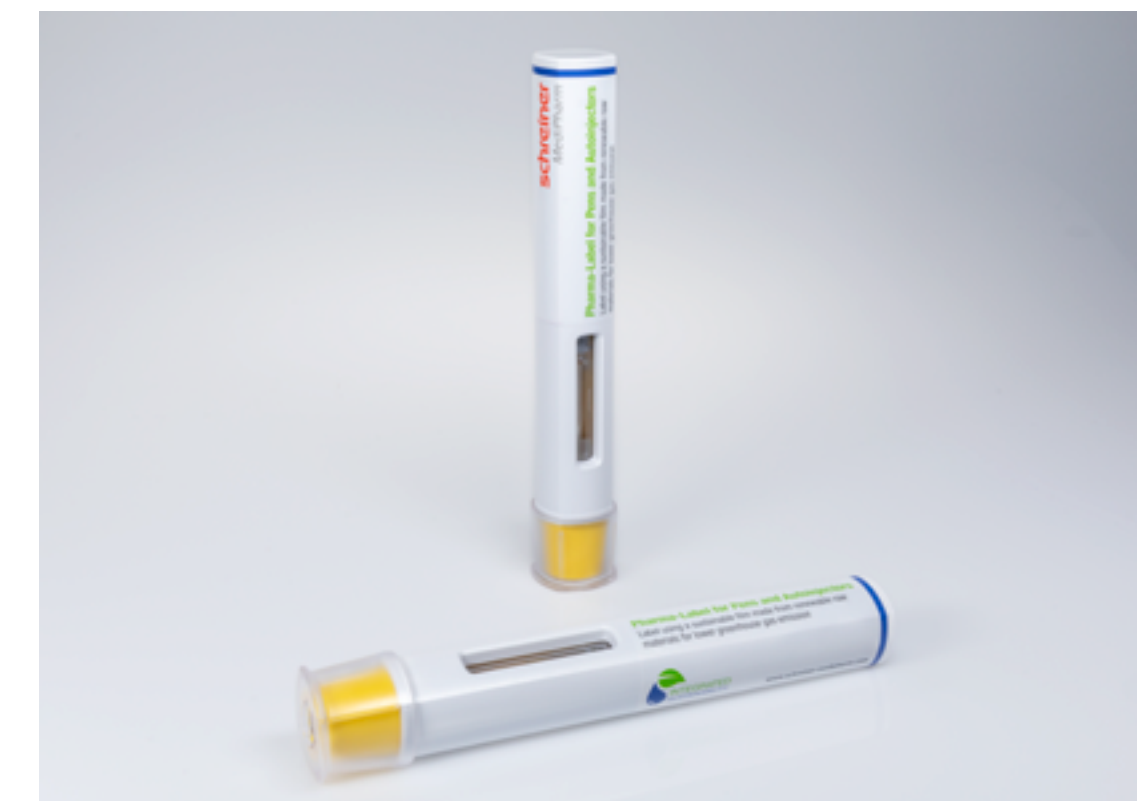
Needle-Trap for a Reduced Environmental Footprint

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. In addition, the plastic trap contains up to 50% regranulated material. The syringe with an applied needle trap label requires minimal space during transportation, storage and disposal. This saves costs and reduces the environmental burden. The integration of a seal for first-opening indication can even replace blister packaging. Various awards for Needle-Trap emphasize its contribution to environmental protection, among other things.



Functional and Sustainable

Examples of sustainable label concepts for functional labels include a Pharma-Tac label for infusion bottles with an integrated hanger and removable documentation parts or an Autoinjector-Label with an anti-slip feature for injection systems. For both sustainable label variants, film materials made from recycled or renewable raw materials have been used, which also ensure reliable functionality. A sustainable transparent closure seal for pharmaceutical packaging, which is based on film material with a recycled content of up to 90%, is another example for a solution with a reduced ecological footprint.



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



German Award for
Sustainability Projects
2023



Gold rating by
EcoVadis

Memberships



Bavarian Environmental
Pact



Corporate climate
protection network





Schreiner Group’s 2024 Sustainability Report can be found [here](#).

Schreiner MediPharm, a business unit of Schreiner Group

Schreiner Group GmbH & Co. KG Bruckmannring 22 85764 Oberschleissheim Germany Phone +49 89 31584-5400	Schreiner Group LP 300 Corporate Drive, Suite 10 Blauvelt, NY 10913 USA Phone +1 845 848-9000	Schreiner Group (Shanghai) Co., Ltd. Building 9, No. 1688 Jiugong Road Jinshan District, Shanghai China Phone +86 21 6401 9866
---	---	--

info@schreiner-medipharma.com · www.schreiner-medipharma.com