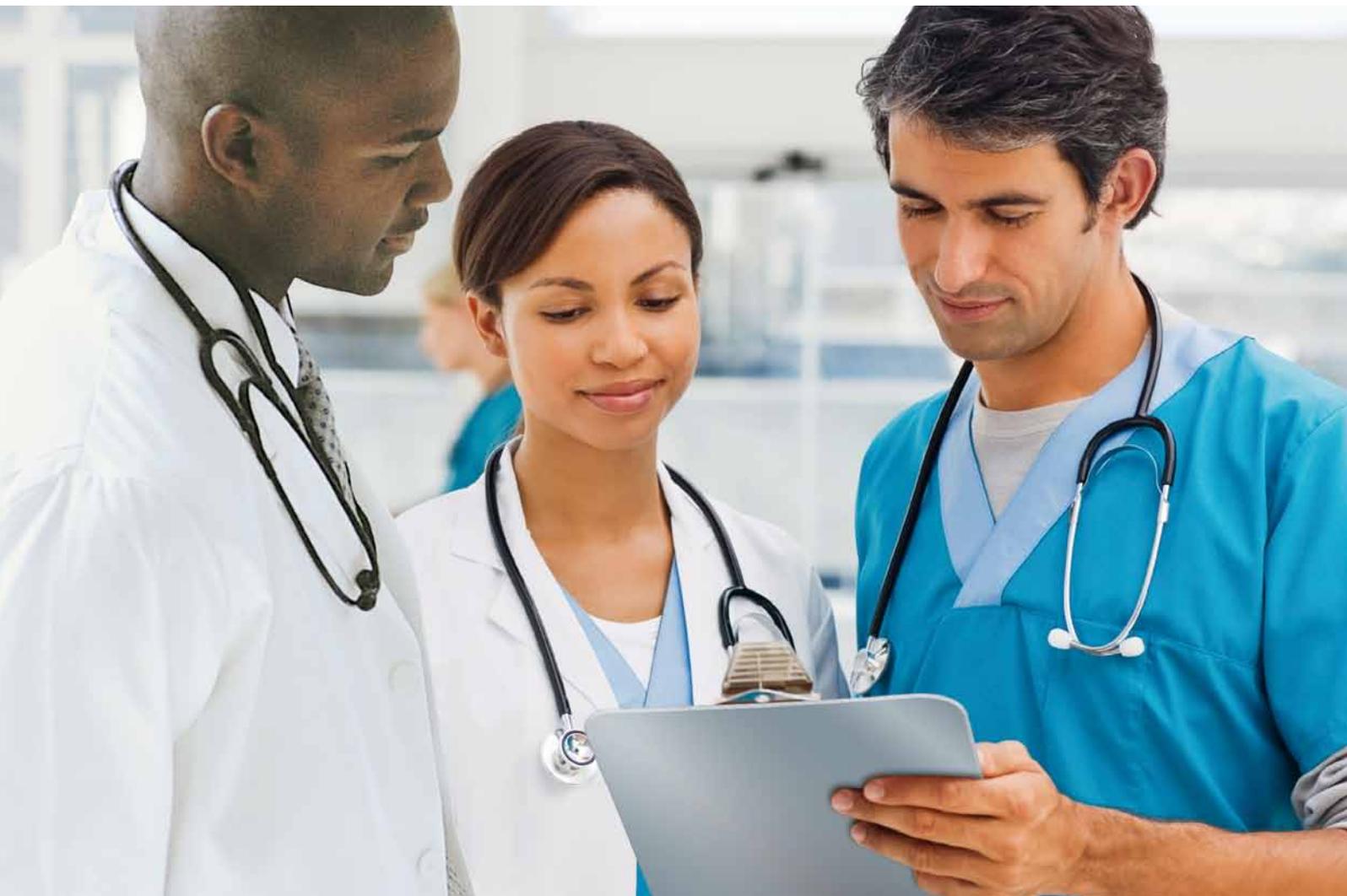


schreiner
MediPharm



Your Perfect Match
Innovative labels. Smart solutions.

Solutions Partner for the Pharmaceutical and Medical Device Industry

Your Partner for Innovative Label Solutions Welcomes You!



1,000 employees generate sales of more than 150 million euros.



The production facility in Blauvelt, New York, USA

Welcome to Schreiner MediPharm, the specialist for the pharmaceutical and medical device industry under the umbrella of Schreiner Group. Since it was founded in 1951 as a factory specializing in embossed seal stamps, the family owned and managed company has evolved into a high-tech group with worldwide activities.

Today, three business units are focused on specific markets and customer groups under the umbrella brand. As a pool of specialists, they jointly use centralized competence centers for fields like security, RFID and printed electronics. The company's identity is shaped by the values Innovation, Quality, Performance and Enthusiasm.

For the pharmaceutical and medical device industry, Schreiner MediPharm develops and produces innovative specialty labels and self-adhesive marking solutions with value-added benefits.



Schreiner MediPharm is trusted by its worldwide customers as a capable development partner and reliable quality supplier drawing on many years of experience. Its expertise leads to customized solutions that optimize processes, reduce costs and increase patient safety.

Our Plus Points. Your Gain.

- Innovation strength
- Multi-functional products
- Japanese quality
- Consulting expertise
- Global risk management
- Proximity to customers
- Rapid response
- Tailored solutions
- Reliability
- Varied portfolio



Schreiner MediPharm specializes in the requirements of the pharmaceutical industry. Together with its customers, the company develops intelligent solutions that optimize the processes of pharmaceutical manufacturers.

As a leading provider of specialty labels with value-added benefits and long-standing partner of the pharmaceutical sector, we deliver innovative solutions that have become standard in many areas. Our expertise ranges from materials, dispensing, printing and die-cutting technologies all the way to implementing the complex packaging

requirements of the pharmaceutical industry. Schreiner MediPharm's customers can expect to be served with extensive market knowledge and specialized problem solving know-how—with complete support from the idea to commercial production.

Always on the Pulse of Customers Worldwide



- Australia
- Austria
- Belgium
- Canada
- China
- Czech Republic
- Denmark
- Finland
- France
- Germany
- Greece
- Hungary
- India
- Italy
- Japan
- Korea
- Mexico
- Netherlands
- Norway
- Poland
- Saudi Arabia
- Slovenia
- Spain
- Sweden
- Switzerland
- Turkey
- United Kingdom
- United States

International success is directly linked to local presence. Schreiner MediPharm is represented with production sites in Germany and the United States and a network of specialists in over 20 countries.

Schreiner MediPharm keeps its finger on the pulse of customers. We think globally and act locally. This has led to a close collaboration with pharmaceutical companies operating around the globe. As a strategic partner and A-level supplier, Schreiner MediPharm offers comprehensive expertise, highly qualified experts, in-depth personal consultancy on site and a wide range of services. All of these factors are excellent prerequisites to ensure the success of new products.



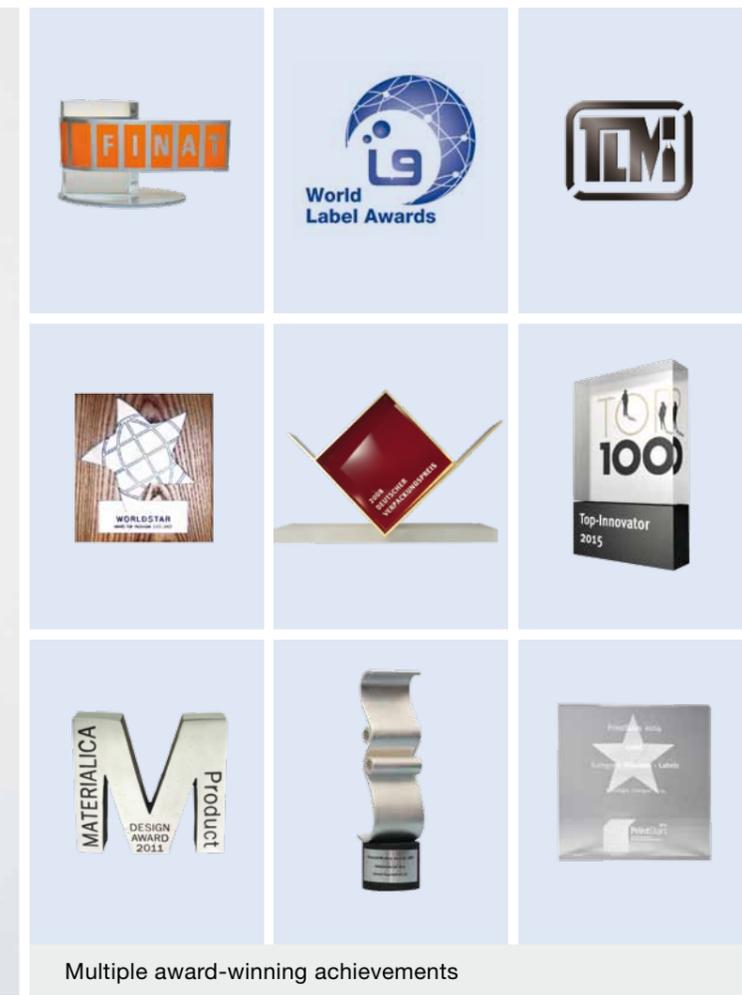
With Our Innovations, You Have the Winning Cards.



New markets, technologies and customers make special demands on companies in the pharmaceutical sector. As a strategic partner, Schreiner MediPharm supports its customers in meeting any challenge.

Schreiner MediPharm develops innovative, customized solutions which facilitate easy and safe use of pharmaceuticals, reduce process costs and offer varied value-added benefits. Many of our specialty developments have set the standard in the industry. As a customer of

Schreiner MediPharm, you can rely on a partner who delivers optimal solutions for demanding tasks—from product design through commercial production all the way to smooth integration and processing at the pharmaceutical manufacturer's site.



Multiple award-winning achievements

Numerous factors ensure cost-effective innovations and fast time-to-market. Our in-house research and development department and consistent process thinking are just a few examples.

The Name of the Game: Performance and Quality



100 % camera inspections ...



... assure high product quality.

Quality, reliability and safety are important factors when it comes to meeting the exacting demands of the pharmaceutical industry. Therefore, Schreiner MediPharm works strictly according to the production standards of the pharmaceutical industry and assures compliance with individual specifications through regular customer audits.



GMP—Good Manufacturing Practice—plays a central role in quality assurance. Schreiner MediPharm thus guarantees top product quality and compliance with the requirements imposed by health authorities. Each individual production step is subject to comprehensive

and detailed control and inspection. Schreiner MediPharm has established systematic risk management at strategic and operational levels. Large production capacities and state-of-the-art machinery at different locations assure flexible and reliable manufacturing.



... and Benefit from Higher Value



Pharma-Tac are specialty labels with integrated hangers. Infusion bottles can thus be suspended quickly and securely.



Pharma-Comb are specialty labels with detachable label parts. They make marking and documentation easier and safer when dispensing drugs.



Pharma-Multi-Inform are specialty labels with extended areas for text. Thus, extensive information such as several language versions can be easily integrated.



Needle-Trap is a needle protection label for syringes. It helps avoid needle-stick injuries and combines safety for the user with economy and flexibility for the manufacturer.



Pharma-Security are solutions which provide protection from tampering and counterfeiting. A wide range of overt and covert security technologies is adapted to specific requirements and may be integrated into existing solutions.



Pharma-Specials are special solutions we have individually developed and realized for our customers.

Product Solutions from Anesthetics to Vaccines



Anesthetics



When using anesthetics, clear marking of refilled products is important to avoid mix-ups or dosage errors. In addition, anesthetics in infusion bottles must be suspended easily and securely.



Antibiotics



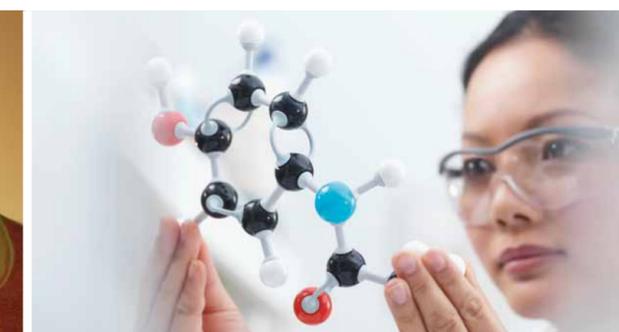
Antibiotics and antimycotics are frequently administered as infusions or injections. Reliable marking and documentation of the refilled drug are absolutely necessary.



Blood plasma products



Pharmaceutical manufacturers and physicians have to comply with particularly stringent regulations when handling blood or blood plasma products. Complete traceability and avoidance of errors when dispensing these products are of vital importance.



Clinical trials



Clinical trials are very time-consuming and cost-intensive. Multilingual marking of small batches, handling of variable data sets, documentation as well as organizational requirements and logistics must be ensured.

Your customers are our customers, too: that's why we always think a step ahead.

Our business is based on in-depth understanding of specific requirements and the wide range of uses and specialties which physicians, pharmacists and other healthcare professionals deal with. We systematically feed this knowledge into new products.



Cytostatics



The administration of cytostatics often involves mixing and refilling processes. Reliable marking of infusion bottles containing these highly potent drugs is a critical requirement.



Infusion solutions



Infusions are typically ready for use and administered from infusion bottles. In hectic hospital environments a hanger that is immediately available enables simple and fast handling.



Insulin/anti-inflammatory/adrenaline



Pens and autoinjectors are often used for self-injection of drugs in case of diabetes, rheumatoid arthritis or anaphylactic shocks. Multi-functional label solutions for these devices can enhance user comfort and patient safety.



Vaccines/heparins



When administering vaccines and heparins, documentation and traceability of the medication are very important. In addition, healthcare staff should be protected from needlestick injuries.

Specialized Pharma Expertise for Your Challenges

- Anesthetics
- Antibiotics
- Blood plasma products
- Clinical trials
- Cytostatics
- Infusion solutions
- Insulin/anti-inflammatory/adrenaline
- Vaccines/heparins



Reliability

- Global risk management
- A-level supplier to leading international pharmaceutical corporations
- 100 % camera inspection
- Japanese quality



Partnership

- Problem solver and development partner
- Support from the initial idea to series production
- Global presence
- Extensive pharmaceutical industry expertise



Technical Expertise

- In-house research & development
- Materials and adhesion technologies
- Dispensing, printing and die-cutting techniques
- Security technologies, RFID, printed electronics



Performance Capabilities

- Innovative products with value-added benefits
- Cost efficiency thanks to constant process optimization
- Speed due to large production capacities
- Flexibility due to a wide range of state-of-the-art machinery

