



Pharmaceuticals

Pharma Clean  
Assurance Program



**Clean, safe and  
socially responsible**



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## **Innovative FIBC program for premium pharma clean packaging**

The biggest challenge for the pharmaceutical industry is gaining and maintaining consumers trust in drug safety. Pharma companies need to avoid any risk of distrust throughout the entire supply chain, as drug safety crisis situations/outbreaks can be considered one of the largest threats for companies and even for entire industries.

Royal LC Packaging is the international leading expert in FIBCs. We have a proven track record of working together with global companies on the drug safety of their products.



# Our leading expertise in the pharmaceutical industry

## Pharma Clean Assurance Program

We understand your quality and safety challenges. With our **Pharma Clean Assurance Program**, we offer the pharmaceutical industry the cleanest and safest FIBCs that meet the highest industry standards.

Our Pharma Clean Assurance Program consists of the following elements:



Leading  
in quality  
management



Own production  
facilities for  
pharma clean FIBCs



Cost and  
operational  
efficiency



Consultancy  
for global  
food safety



Innovative  
product design



Sustainability  
throughout  
the chain





## Leading in quality management

Assuring full compliancy to drug safety

Quality is much more than the strength of our packaging: it is the complete package. We are committed to delivering the highest quality pharma clean packaging and excellent service. Our dedicated quality department runs all aspects of quality of our FIBCs, our manufacturing processes and our working conditions. We comply with a comprehensive portfolio of required food safety standards and regulations, for example: BRC, FSSC 22000, ISO 22000, (EU) No. 10/2011.

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## Consultancy for global safety

Our safety code, your consumer's trust

Our expert guidance contributes to higher consumer confidence in quality and safety. We lead the industry by helping companies understand and meet the standards for clean packaging. We create and accelerate awareness of packaging cleanliness in the ingredients industry through the circulation of our FIBC Safety Code: guidelines we developed in cooperation with a global leader in the industry. These guidelines describe how to safeguard safety by respecting the specifics of the FIBC during use.



## Own production facilities for pharma clean FIBCs

Advancing pharma cleanliness through innovation

Our own production facilities for pharma clean FIBCs are accredited with all safety certificates and have state-of-the-art clean room facilities. This provides us with full control over our big bags production. Stringent testing and safety inspection processes according to ISO 21898 are in place and we can guarantee manufacturing according to the highest pharma cleanliness standards. We offer tailor-made FIBC solutions of excellent quality, and assure responsible big bags production.

Our ultimate goal: “**Eliminate the Last Particle**” by using advanced technologies such as:

- Full migration testing of all materials used
- More effective cleaning with highly innovative processes:
  - Inside view technology during air washing
  - Vacuum outside cleaning technology
  - Ultrasonic spout hemming technology
- Class 10.000 liner extrusion
- Overpressure complete clean room
- 100% metal detection



## Innovative product design

Leading the way in safety and quality with material innovation

The increasing demand for packaging, constantly drives Royal LC Packaging to search for new material combinations. We focus on creating high added value in our packaging solutions through design and material innovation:

- Premium material quality manufactured under clean room conditions and benchmark barrier properties
- Pharma clean conductive aluminum liners
- Premium liner structures such as PE / PA / PE, L1, L2 as well as Aluminum
- Innovative EVOH barrier liner





## Cost and operational efficiency

Achieve more: total cost reduction and load securing

In addition to drug safety, we help companies improve their total cost structure and operational efficiency when using FIBCs. Through our latest developments in the in-house manufacturing of form stable FIBCs (Q-bags), our customers benefit from:

- › Cordnet technology for more safety for your employees during handling
- › Cordnet baffles for higher Q bag/Q liner stability and excellent product flow during bag filling
- › Highly stable FIBCs which help to secure the load and protecting your products
- › Optimised load space, which helps to reduce transportation costs and limits CO<sub>2</sub> emission per bag
- › Gambo protective packaging against outside contamination and moisture

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## Sustainability throughout the chain

Our Ambition for 2030 is to contribute to a world without waste. We have set ourselves ambitious goals regarding three global issues where our company can make a major impact: Working poverty, Waste and pollution, and Climate change.

Some key elements of our sustainability approach:

- › Membership of the UN Global Compact and EcoVadis
- › Providing a safe and healthy working environment to our employees (ISO 45001, SA8000)
- › Minimizing our impact on the environment by smarter use of raw materials, less transportation, and a reconditioning program for big bags in Europe
- › Reinvestment of profits in our company for ongoing development of our production facilities and to create high-quality local jobs
- › All our production partners need to sign our Global Supplier Code of conduct and provide proof of adherence
- › Our LC Supports Foundation contributes to improving welfare and the environment in local communities



## Why LC



Committed

Reliable

Loyal

### Always near

With a strong international presence, dedicated local service and operations worldwide, we are always near.

### Since 1923

We have been growing and developing our business since 1923. We are your proven solid and reliable business partner.

### Own production

Our four production facilities allow us to run flexible, high quality production processes for your tailor-made packaging.

### Best people

Experienced and enthusiastic colleagues worldwide are working together to make your packaging solution a reality.

### Quality in packaging

We offer strong, durable packaging that is created amongst outstanding production circumstances with high quality materials and excellent service.

### Long-term partnerships

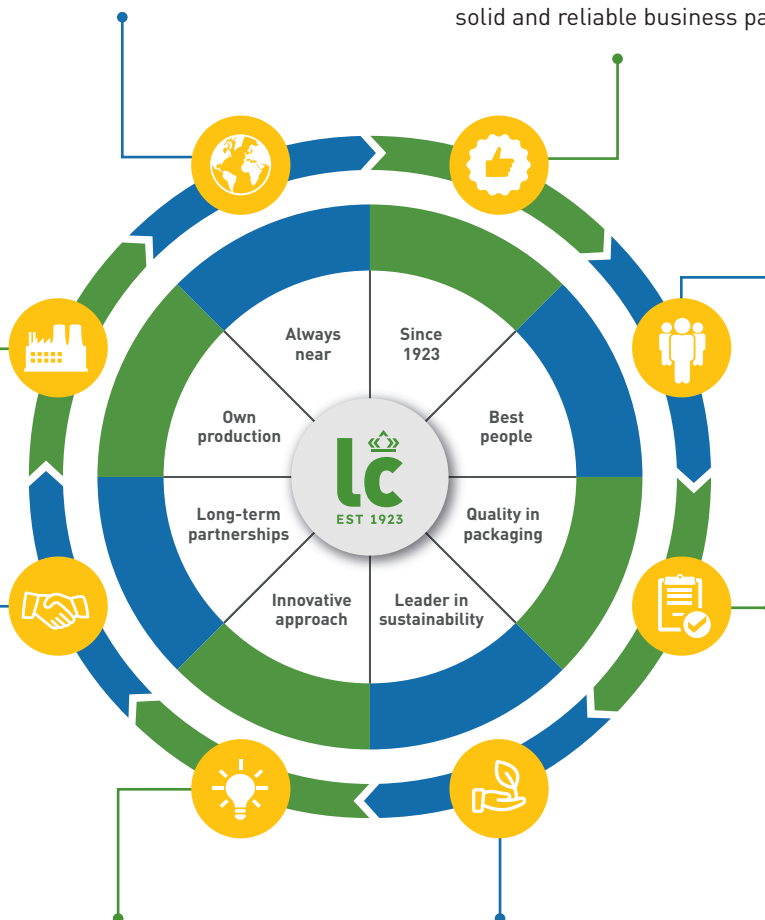
Our long-term partnerships increase efficiency and communication and help implement innovative and sustainable business processes.

### Innovative approach

Through strategic investments in business operations, product development and innovative projects, we pioneer the future.

### Leader in sustainability

With our 2030 Ambition we actively contribute to leaving a better world for future generations by mitigating Working poverty, Waste and pollution, and Climate change.



# supporting your products



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## Industries we serve



Pills



Cosmetics



Additives



Active ingredients