

Press Release**MedGuard®: more than packaging – an integrated system for safe, sustainable sterile barrier solutions**

With MedGuard®, SÜDPACK Medica offers a fully integrated packaging system that helps manufacturers in the medical technology, pharmaceutical, and life sciences industries select and implement the right packaging concepts. Within the MedGuard portfolio, the packaging specialists combine different material structures with process expertise to create validated packaging solutions designed for performance, product and process safety – while also improving sustainability throughout the packaging life cycle.

With MedGuard, SÜDPACK Medica takes a consistent, system-based approach: Instead of individual materials, customers receive an integrated solution comprising bottom webs and lidding films or pouch systems, combined with production and application expertise and a structured assessment of sustainability performance. The goal is consistent, reliable performance across the entire packaging life cycle – from development and qualification through to commercial scale-up. “More than packaging. It’s a system.” This guiding principle reflects MedGuard’s focus on the key requirements of the healthcare sector: sterile barrier systems, reproducible sealing processes, regulatory compliance, and the growing demand for packaging concepts designed for circularity.

Find the right material combination faster: Product Navigator

The Product Navigator helps simplify material selection in an increasingly complex landscape. It allows users to evaluate suitable material combinations based on specific application requirements and common sterilization methods – such as steam, EtO, or gamma – helping to shorten development times and reduce risks in packaging development. ([Go to Product Navigator](#))

Manufactured under clean room conditions

The MedGuard portfolio includes both flexible and rigid packaging systems – from robust thermoforming films to pouch and bag solutions. Dedicated lidding mate-

rials are produced in certified cleanroom environments and support clean production requirements as well as sterile packaging validation, including in accordance with ISO 11607.

Strong partnerships throughout the value chain

To ensure seamless system compatibility, SÜDPACK Medica works closely with selected suppliers of paper and lidding materials as well as leading packaging machine manufacturers. This collaboration allows sealing performance and opening behavior to be precisely configured, tested, and optimized for the equipment platforms used in industrial packaging production.

Furthermore, thanks to its extensive in-house laboratory facilities, SÜDPACK Medica can precisely measure mechanical, thermal and functional film properties, supporting customer-specific requirements and validation processes.

Technical validation at the Ochsenhausen Technology Center

SÜDPACK Medica also offers customers the option of conducting sealing tests with MedGuard films in combination with various lidding materials at its Technology Center in Ochsenhausen. These trials enable a targeted evaluation of sealing ranges, peel performance and process robustness, supporting packaging development ahead of commercial scale-up. Where required, SÜDPACK Medica also coordinates joint optimization tests with customers and their machine suppliers.

Sustainability backed by life cycle assessments

Sustainability is also firmly embedded in the MedGuard strategy. SÜDPACK Medica's sustainability team conducts screening LCAs, among other analyses, to quickly generate environmental assessments based on secondary data. This helps to ensure that packaging systems deliver best-in-class sustainability performance – without compromising safety, functionality, or regulatory compliance.

About SÜDPACK Medica AG

SÜDPACK Medica AG is headquartered in Baar (CH) and is one of the leading suppliers of sterile packaging solutions in Europe as well as a pioneering partner for the global medical, pharmaceutical and diagnostics industries. The company is part of the SÜDPACK Group and was founded in 1989. The core competency of SÜDPACK Medica is the development of plastic-based packaging solutions

for sterile goods. The product and performance range of SÜDPACK Medica extends from standard solutions to tailor-made, customer-specific packaging concepts. It includes the production of coextruded flexible and rigid films, which are used as base and lidding films, and of pre-made pouch solutions for a wide variety of products. SÜDPACK Medica also benefits from the SÜDPACK Group's long-standing leadership in technology and innovation in the coextrusion of polymer-based film solutions.

The production of SÜDPACK Medica products is performed at four sites in France, Germany, Switzerland and the Netherlands. These sites are equipped with the latest plant technology and manufacture to the highest standards of quality and hygiene, including the capacity to operate under clean room conditions.

For optimal support and collaboration with their customers around the world, SÜDPACK Medica relies on a specialist team working in quality, sales, development and application technology, one that has long-standing expertise in polymers and process engineering and in the market for sterile packaging. This makes SÜDPACK Medica a competent solutions partner for their customers when it comes to the implementation of packaging solutions, including those with the most demanding requirements.

SÜDPACK is committed to sustainable development and fulfills its responsibility as an employer and towards society, the environment, and its customers. With its own site for processing biopolymers and its own compounding facilities, the SÜDPACK Group is also among the trailblazers in the production of forward-looking, sustainable and recyclable packaging concepts.

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