



STERIKING®

See-Through Pouches & Rolls

Preformed Sterile Barrier
Systems

- ▶ for packaging individual items and small sets
- ▶ wide range of types and sizes available
- ▶ suitable for sterilization by steam, EO or FO gas
- ▶ for hospital, clinical, dental and laundry applications



WIPAK MEDICAL

Sterile barrier systems

play a very important role in the sterile supply cycle



Infections are a high risk in clinical and surgical operations. All medical devices and supplies must be sterile when intended for use in invasive and open wound operations. A correctly designed sterile barrier system manufactured from reliable materials allows efficient sterilization, provides physical protection, maintains sterility to the point of use and allows aseptic presentation.

Safe handling and transportation of contaminated goods requires special care. Reusable surgical supplies and instruments have to be carefully cleaned and maintained after each use and to be sterilized prior to their next operation.

Single use sterile barrier systems and materials offer proven microbial barrier properties. They ensure a very high

degree of protection during storage, handling, transportation and aseptic opening. They are designed to allow complete penetration of the sterilizing agent into a pack and its products.

The Steriking® product range offers a wide variety of types and sizes for the optimum choice of a correctly sized pack for each item and for double packing purposes.



R-Flat Rolls



RB-Rolls with Gusset



S-Flat Pouches



B-Pouches with Gusset

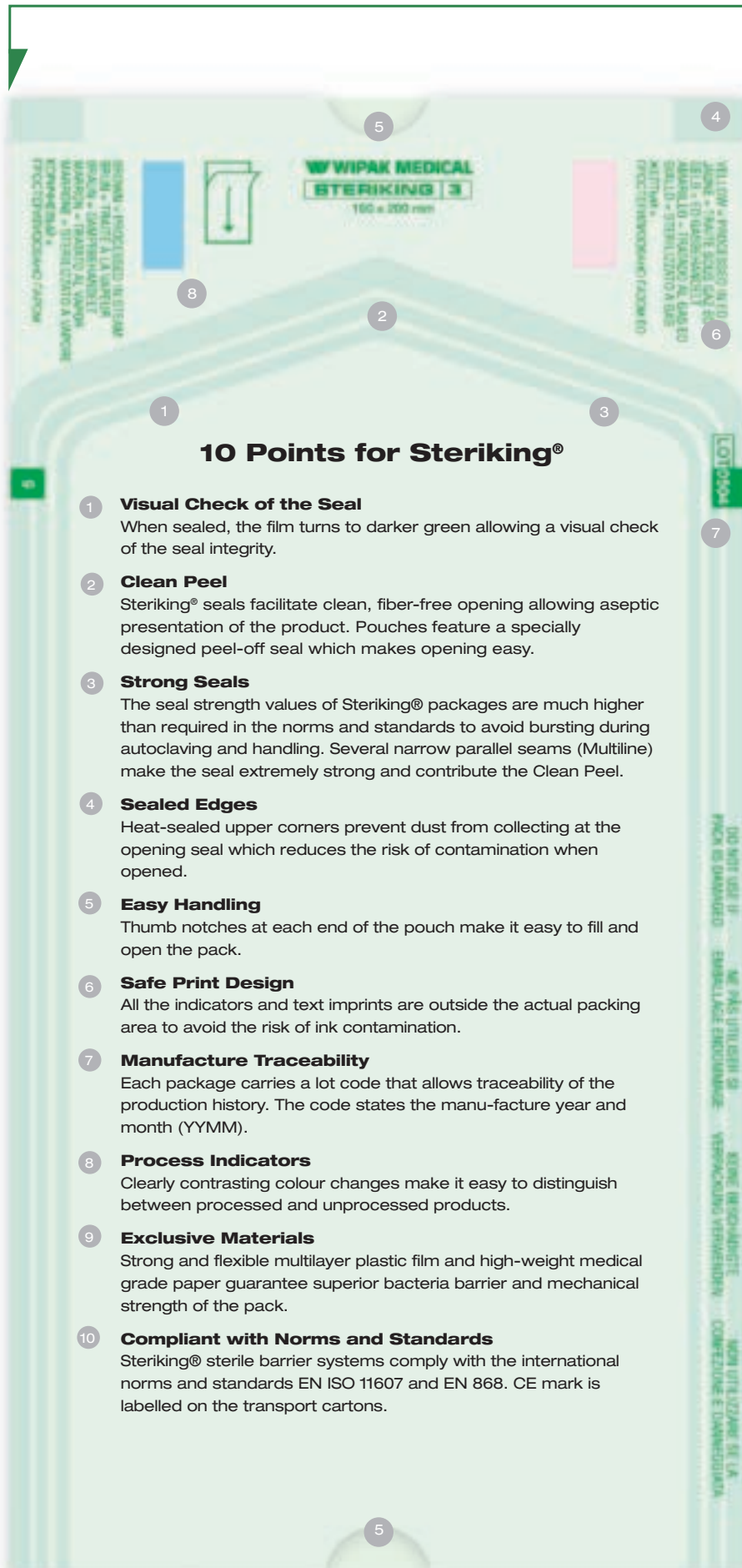


SS-Self Seal Pouches

The sterile barrier system is an important part of the overall chain of action aiming to assure and improve patient safety.

Steriking® See-Through Pouches & Rolls

for effective sterilization and reliable sterility



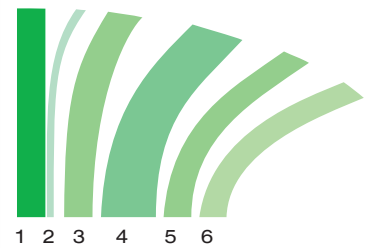
10 Points for Steriking®

- 1 Visual Check of the Seal**
When sealed, the film turns to darker green allowing a visual check of the seal integrity.
- 2 Clean Peel**
Steriking® seals facilitate clean, fiber-free opening allowing aseptic presentation of the product. Pouches feature a specially designed peel-off seal which makes opening easy.
- 3 Strong Seals**
The seal strength values of Steriking® packages are much higher than required in the norms and standards to avoid bursting during autoclaving and handling. Several narrow parallel seams (Multiline) make the seal extremely strong and contribute the Clean Peel.
- 4 Sealed Edges**
Heat-sealed upper corners prevent dust from collecting at the opening seal which reduces the risk of contamination when opened.
- 5 Easy Handling**
Thumb notches at each end of the pouch make it easy to fill and open the pack.
- 6 Safe Print Design**
All the indicators and text imprints are outside the actual packing area to avoid the risk of ink contamination.
- 7 Manufacture Traceability**
Each package carries a lot code that allows traceability of the production history. The code states the manufacture year and month (YYMM).
- 8 Process Indicators**
Clearly contrasting colour changes make it easy to distinguish between processed and unprocessed products.
- 9 Exclusive Materials**
Strong and flexible multilayer plastic film and high-weight medical grade paper guarantee superior bacteria barrier and mechanical strength of the pack.
- 10 Compliant with Norms and Standards**
Steriking® sterile barrier systems comply with the international norms and standards EN ISO 11607 and EN 868. CE mark is labelled on the transport cartons.

Safety and reliability of the preformed sterile barrier system depend on the quality of its design, materials and sealing.

Steriking® Multi-X multilayer film consists of five very fine layers, each having their own features and functions making the film very tough and durable.

The polyester (PET) outer layer provides high thermal resistance allowing heat-sealing. The intermediate layers together with the polypropylene sealing layer (PP) provide excellent sealing and Clean Peel properties in addition to the superior tear strength of the film.



1. PET – Outer layer
2. TIE – Adhesive layer
3. PP – Middle layer, elasticity
4. PP – Bulk layer, mechanical strength
5. PP – Middle layer, profile stability
6. PP – Sealing layer, against paper

The high-weight 70 g/m² medical grade paper is extremely strong and withstands the challenges of autoclaving and handling during the entire sterile supply cycle. The high substance paper contributes both the strong seal and the Clean Peel features. The bacteria barrier properties of high-weight paper are indisputable.



Correct use of Steriking® Pouches & Rolls

assures sterility

Packaging safely

Fill only up to maximum 3/4 of the pouch volume to allow free sterilizing agent penetration during the sterilization process. If the pouch is packed too full, the seals might burst open during autoclaving. Allow 2-4 cm free space at the filling end for proper closure sealing.



- Note the peel symbol indicating the fiber direction of the paper material and thus the correct opening direction of the pack
- The medical device must be placed into the pouch in the right direction to allow fiber-free opening and aseptic presentation of the product

Closing tightly

Steriking® see-through pouches and rolls are heat sealable. The seals need to be strong to withstand the most vigorous sterilization process and handling, yet providing a clean peel. When sealing packs made of tubing (roll) material, avoid closing too strongly as one of the seals needs to open fiber-free without tearing and breaking when the product is to be used.



- Pay attention to the correct temperature and pressure combination
- The recommended sealing temperature for Steriking® is 155-180 °C (311-356 °F)
- Check the seal strength by carrying out a manual test

Loading of the autoclave

See-through packages breathe through their paper backside. The film is impermeable, whereas the special medical paper is water repellent but permeable to air, steam and gases. For effective sterilization eliminate the risk of the film blocking the air flows in a load. Ensure complete air removal from the packs and proper penetration of the sterilizing agent.



Our recommendations:

- Load the packages as paper to paper and film to film
- Do not fold the packages
- Load the packages vertically on their sides if possible
- Packages must not touch the chamber walls
- Follow the autoclave manufacturer's instructions

Aseptic opening

The see-through packs are to be opened by breaking the bond between the film and the paper. Upon opening, the materials must not tear and paper fibers must not become detached or loose, causing a contamination risk.



- Open the sealed upper corners first
- Follow the opening direction symbol and start peeling off the film from the paper evenly with a firm wide grip
- Practically enough to open up to 1/3 of the pouch
- With very large packages assistance may be needed



The peel symbol printed on all packages indicates the correct peeling direction for opening.

Steriking® products are well known for their high quality and reliable performance! Ask for more information on Steriking® products.

We care that you pack safely!