Preformed Sterile Barrier Systems
See-Through Peel Pouches & Rolls for manual packing in hospitals, clinics, dentists, laundries and other applications

Quick. Easy. Safe.

- For efficient packing of individual items and small or medium sized sets
- Unique products for all sterilization methods
- Wide range of types & sizes
Sterile Barrier Systems
play a very important role in the sterile supply cycle

Infections are a high risk in healthcare 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.

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Compliance to standards</th>
<th>Temperature durability</th>
<th>Steam 121/134°C</th>
<th>Gas EO, FO</th>
<th>Irradiation Gamma, Beta</th>
<th>Hot Dry Air 160/180°C</th>
<th>Vaporized Hydrogen Peroxide</th>
</tr>
</thead>
<tbody>
<tr>
<td>S, B, SS, R, RB; BOPET/PP Film + 70 g/m² Paper</td>
<td>ISO 11607-1 &amp; 2 EN 868-5</td>
<td>138°C 280°F</td>
<td>✓</td>
<td>✓</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>LTS, LTSS, LTR; BOPET/PE Film + Tyvek® 1073B 100% HDPE</td>
<td>ISO 11607-1 &amp; 2 EN 868-5</td>
<td>100°C 212°F</td>
<td>–</td>
<td>✓</td>
<td>✓</td>
<td>–</td>
<td>✓</td>
</tr>
<tr>
<td>SNW-TexLine; BOPET/PP + Nonwoven web</td>
<td>ISO 11607-1 &amp; 2 EN 868-5</td>
<td>138°C 280°F</td>
<td>✓</td>
<td>✓</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>HR; 100 % PA tube</td>
<td>ISO 11607-1 &amp; 2</td>
<td>200°C 392°F</td>
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<td>–</td>
<td>✓</td>
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<tr>
<td>PB; Medical Paper 60 g/m²</td>
<td>ISO 11607-1 &amp; 2 EN 868-4</td>
<td>138°C 280°F</td>
<td>✓</td>
<td>✓</td>
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</tr>
<tr>
<td>CB; BOPET/PE + BOPET/PE Peel</td>
<td>ISO 11607-1 &amp; 2</td>
<td>100°C 212°F</td>
<td>–</td>
<td>–</td>
<td>✓</td>
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</tr>
</tbody>
</table>

Tyvek® is a trademark of DuPont®.

* Not recommended
10 Points for Steriking®
Safety and reliability depend on the quality of design, materials and sealing

1. Compliant with Norms and Standards
Steriking® sterile barrier systems comply with the international norms and standards ISO 11607 and EN 868. CE mark is labelled on the transport cartons.

2. Visual Check of the Seal
When sealed, the colored film turns to a darker shade allowing a visual check of the seal integrity.

3. 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.

4. Strong Seals
The seal strength values of Steriking® packages are higher than the standard requirements. This eliminates bursting during autoclaving and handling. Several narrow parallel seams (Multiline) make the seal extremely strong and contribute to the Clean Peel.

5. Sealed Edges
Heat-sealed upper corners prevent dust from collecting at the opening seal which reduces the risk of contamination when opened.

6. Easy Handling
Thumb notches at each end of the pouch make it easy to fill and open the pack.

7. Safe Print Design
All the indicators and text imprints are outside the actual packing area to avoid the risk of ink contamination.

8. Manufacture Traceability
Each package carries a lot code that allows traceability of the production history. The code states the year and month (YYMM).

9. Process Indicators
Clearly contrasting colour changes make it easy to distinguish between processed and unprocessed products.

10. Exclusive Materials
Strong and flexible multilayer plastic films and high-weight 70 g/m² medical grade paper or synthetic material backing guarantee superior bacteria barrier and mechanical strength of the pack.

LT products made with Tyvek® 1073B are a strong choice. They are designed exclusively for sterilization in low temperatures by gas, vaporized hydrogen peroxide or irradiation.

Wpak’s unique Multi-X multilayer film consists of nine layers, each having their own features and functions making the film very tough and durable. Superior puncture and abrasion resistance reduces the risk of pinholes. Advanced durability minimizes film crystallization in high temperature and significantly improves the tear strength and contributes to the clean peel.
Tips & recommendations for the correct use of products
Steriking® is well known for high quality and reliable performance

Packaging safely
Fill up only to maximum 3/4 of the pouch length and allow 2 cm space around the packed item. This permits free passage of sterilizing agent during the sterilization process. If the pouch is packed too full, the seals might burst open during sterilization. Allow 2-4 cm free space at the filling end for proper closure sealing.

Closing tightly
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.

Steriking® range offers high performance rotary and impulse sealer units.

Loading of the sterilizer
See-through packages breathe through their porous backside. The film is impermeable, whereas the special fibrous backing 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.

Dust covering for transport and storage
The cover bags are designed to protect sterile products in their primary packaging from dust and environment influences after their sterilization and up to their point of use. They allow extending shelf life of the packed sterile medical devices with respect to sterility. The impermeable bags can be used also for transporting dirty instruments for their re-processing.

Aseptic opening
The see-through peel packs are to be opened by breaking the bond between the film and the fiber material. Upon opening, the materials must not tear and no fibers may become detached or loose, causing a contamination risk.

We care that you pack safely!

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