



STERIKING®

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

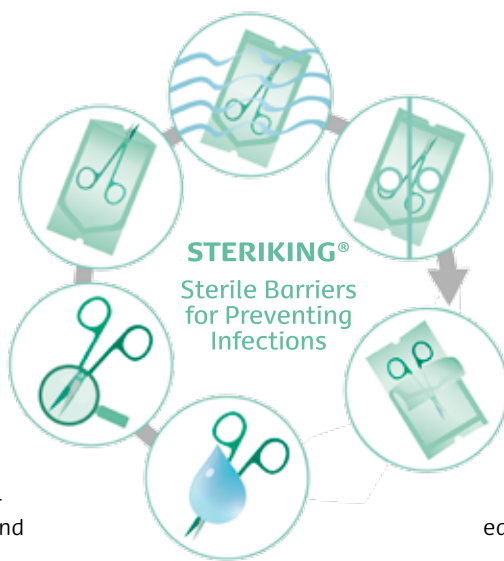
WIPAK

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.

S - Flat Pouches 2P & 3P

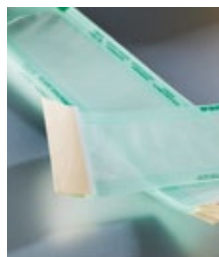
B - Pouches with Gussets

SS - Self Seal Pouches

R - Flat Rolls 2P & 3P

RB - Rolls with Gussets

CB - Dust Cover Bags



LTS - Flat Tyvek® Pouches

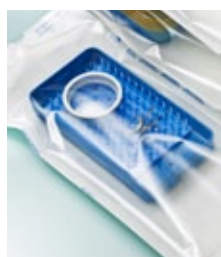
LTSS - Self Seal Tyvek® Pouches

LTR - Flat Tyvek® Rolls

PB - Paper Bags

HR - Hot Air Rolls

SNW - TexLine Nonwoven Pouches



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

Tyvek® is a registered 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.

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

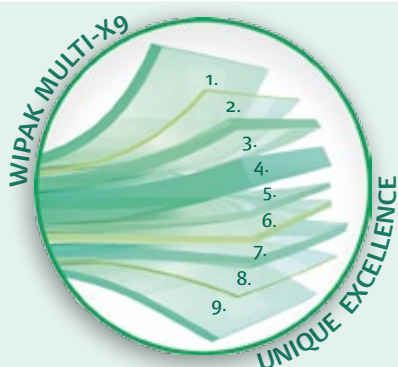
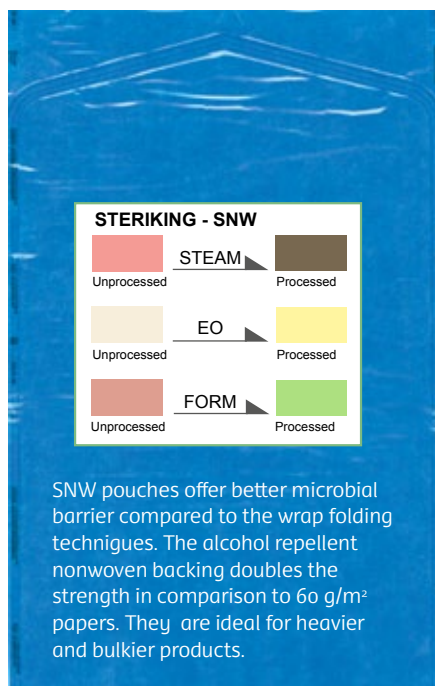
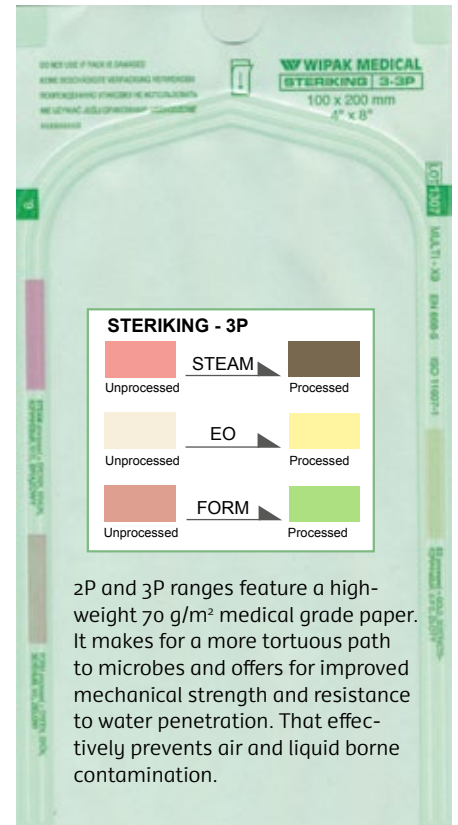
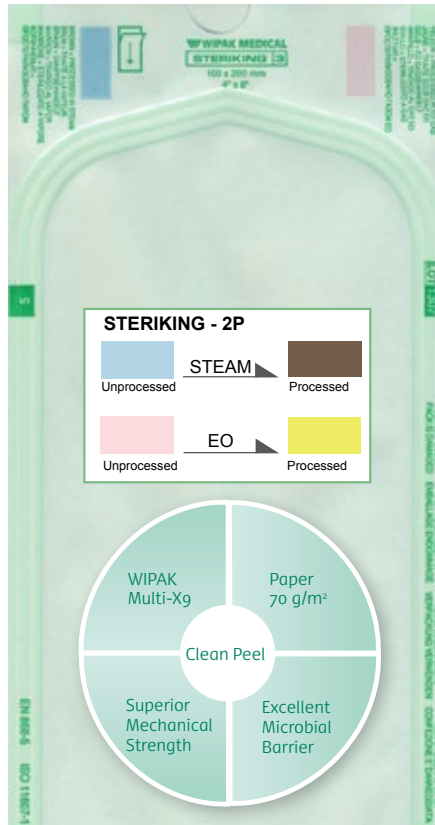
Each package carries a lot code that allows traceability of the production history. The code states the year and month (YYMM).

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.



1. BoPET heat resistant outer layer
2. TIE layer
3. PP elastic layer
4. PP green colored body layer
5. PP body layer
6. PP added layer
7. PP added balancing layer
8. PP balancing layer
9. PP inner sealing layer

Wipak'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.



- Note the peel symbol indicating the correct opening direction of the pack
- The medical device must be placed into the pouch in the right direction to allow aseptic presentation of the packed product
- In case of double pouching it is important to position the porous side of an inner pack against the porous side of an outer pouch

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.



- Pay attention to the correct temperature and pressure combination
- The recommended sealing temperatures for Steriking® are

S, B, R, RB	165-190°C	329-374°F
LTS, LTR	120-130°C	248-266°F
SNW	150-180°C	302-356°F
HR	200-220°C	392-428°F
PB	180°C	376°F
CB	130-160°C	266-320°F

- Check the seal strength by carrying out a manual test
- Steriking® range offers practical tools for validating and documenting the sealer's operational qualification: MS300 Multi Seal Test Kit, SC250 Seal Control Sheets, and TSC200 Tyvek® Seal Control Sheets

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.



- Our recommendation is to load the packages as paper to paper and film to film, but other guidelines and practise may exist
- Do not fold the packages
- Load the packages vertically on their sides if possible
- Packages must not touch the chamber walls
- Follow the sterilizer manufacturer's instructions

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.



- Let the items cool down after sterilization
- Choose a bag size large enough for the items to be packed in order to any risk tears of the primary pack when enclosing it into its dust cover bag
- Close the cover bag by a rotary or impulse heat sealer unit. See above for the sealing recommendations
- The SSDC dust cover bags offer a self sealable choice. The built-in adhesive strip allows a tight closing
- The CB and SSDC cover bags are all with peelable seals that facilitate easy opening at the point of use

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.



- Open the sealed upper corners first
- Follow the opening direction symbol and start peeling off the film from the fibrous backing 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

We care that you pack safely!

WIPAK

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