



## Responsibility results in commitment!

Since 1974 Vereinigte Papierwarenfabriken GmbH (VP) has been manufacturing medical packaging and indicators for hospitals, service providers and medical practices, as well as packaging systems for sterile disposable products under the brand stericlin®. Our products are manufactured in state-of-the-art production plants under cleanroom conditions and on the basis of carefully validated production processes. They meet and exceed the requirements of standards and laws for medical devices. Our quality has been setting standards worldwide ever since.

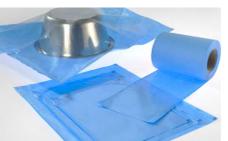


## of paper and film

See-through packaging made

This sterile barrier system (SBS) is the most popular packaging system worldwide. Stericlin® see-through packaging is available in pouch or reel form, with or without gusset. It is suitable for all light and medium-weight instruments.





## See-through packaging made of non-woven and film

See-through non-woven packaging is the ideal packaging form for voluminous, heavy or porous sterile goods. Available as pouches or reels.

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## See-through packaging made of Tyvek® and film

Pouches and reels made of Tyvek® are particularly suitable for sterilising thermolabile instruments and sets, and for VH202 (plasma) and gas sterilisation.

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## See-through packaging made of paper and film from stericlin®



The right size for every shape

Identification complies with standards

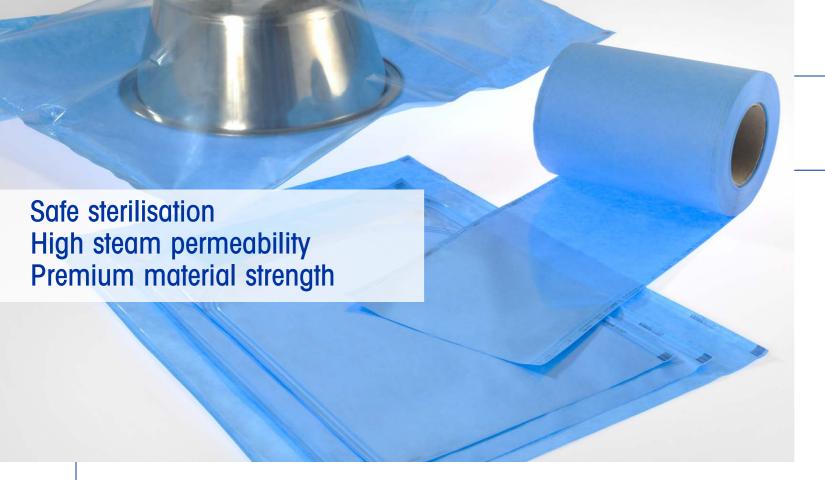
With and without gusset

# See-through packaging made of paper and film

See-through pouches and reels are the universal packaging system for sterilisation, and can be used for packaging almost all light and medium-weight instruments and sets. The sterilisation-proof 70 g/m² heavy-duty paper forms an effective barrier against germs, while allowing air, steam and sterilisation gases to penetrate. Three indicators for STEAM-, EO- and FORM-sterilisation are printed outside the filling area.

The high-quality 70 g/m² paper used in stericlin® see-through paper and film packaging is distinctly superior to the conventional 60 g/m² paper used when it comes to quality, strength and barrier performance.





## See-through packaging made of non-woven and film from stericlin®

Available in different sizes



Ideal for large-volume goods

# See-through packaging made of non-woven and film

This see-through packaging consists of 60 g/m² non-woven bonded with composite film. Three indicators for STEAM-, EO- and FORM-sterilisation are printed outside the filling area. This system combines all the advantages of wrapping material made from non-woven with the handling benefits of see-through packaging. The high air and steam permeability means that it can be used for large-volume and porous goods. The mechanical stability also allows for safe packaging of heavy instruments.



High steam permeability



## See-through packaging made of Tyvek® and film from stericlin®



Available in many sizes

Ideal for thermolabile instruments

Fibre-free peeling

# See-through packaging made of Tyvek® and film

The quality of see-through packaging made of Tyvek® and film is crucially influenced by the choice of materials. As a result, stericlin® uses only the strongest medical grade of Tyvek®: Type 1073 B with 75 g/m². Excellent barrier properties against germs and moisture, extremely high puncture resistance and fibre-free peeling without delamination characterise this sterile barrier system. Tyvek® is particularly suitable for VH202 (plasma)-, EO-, FORM- and irradiation sterilisation. This sterile barrier system is first choice for gas sterilisation as Tyvek® hardly absorbs any toxic gases, thus resulting in a residual gas content that is far below the permissible limit values.



Tyvek® is a registered trademark of E.I. du Pont de Nemours



## Top manufacturing quality – Made in Germany





State-of-the-art machinery

Manufacturing processes, materials and test methods comply with standards

State-of-the-art laboratory technology and analytics

#### **Quality and safety**

All our packaging is characterised by identification that complies with standards and by clearly printed colours and indicators. The exceptional barrier properties are based on careful material selection and ongoing quality control. The combination of composite film with paper, Tyvek® or non-woven, all of which are permeable materials, constitutes the core process in the manufacture of seethrough packaging: for good peeling, the seal strength may not be too high, and for sterilisation stability not too low.

### **Climate protection**

Environmental awareness is company policy at the VP Group: our work is 100% climate neutral. Unavoidable emissions are completely compensated for by internationally accepted emission reduction certificates. VP also fulfils all ISO requirements in the area of environmental management.

#### Standards and validation

Sterile barrier systems from stericlin® meet all ISO 11607 and EN 868 requirements. Compliance with standards is continuously tested by independent, accredited laboratories. This is not actually required by the standard – we do this voluntarily.

VP has ultra-modern measuring instruments, test equipment and sterilisers for ongoing in-process monitoring and development.

#### Logistics

We deliver all stericlin® products directly from our warehouse in Feuchtwangen, Germany – quickly and efficiently via automated warehouse and picking systems. Benefit: shorter replenishment times and smaller inventories at customers.



Feuchtwangen site, Germany

### Overview of products from stericlin®

### System packaging for hospitals

- See-through packaging
- Wrapping materials
- Accessories

#### Sterilisation accessories and control systems

- Bowie & Dick test systems
- Batch Monitoring Systems (BMS)
- Chemical process indicators

#### Packaging solutions for medical device manufacturers

- 4SS flat packaging
- FFS thermoformed packs
- Manual packaging

#### **Services**

- Stericlin® academy
- Validation and certification
- Seminars

