



MEDICAL
PACKAGING

Innovative and
safe packaging

System solutions for the medical device industry

Made in Germany

Climate Protection

We are a climate-neutral corporate group.

Environmental awareness is part of our company policy:

- We already reduced CO₂ emissions by more than 20% starting in 2010
- Our unavoidable CO₂ emissions during production and transport of our goods are balanced by high-value emission certificates by ClimatePartner
- We plant 1,000 trees in Europe every year
- Since 2014, we have been a member of "climate protection company"
- We are FSC® and PEFC certified

Furthermore, we meet with all requirements of ISO 14001 for environmental management and ISO 50001 for energy management.



Innovative, safe and sustainable packaging for the medical device industry

Made in Germany – for more than 45 years

VP (Vereinigte Papierwarenfabriken GmbH) was founded in 1896 as a family company, and is now in the fourth generation. From the very beginning, we have been manufacturing high-quality packaging. For more than 45 years, we have been specialising in medical and pharmaceutical packaging for customers in over 70 countries. Our products are Made in Germany, manufactured with state-of-the-art equipment and exclusively under defined cleanroom conditions in accordance with ISO 14644.

Safety and security

The security of your products is our very first priority. For this reason, we only manufacture under clean room conditions of class 7 and class 8 according to ISO 14644. Laboratory test studies ensure functionality and the highest quality of our packaging solutions.

Our strict quality concept includes:

- particle and microbiological monitoring of our cleanrooms
- integrated laboratory and state-of-the-art test equipment
- regular certifications
- manufacturing according to GMP

Focus on innovation

We focus on innovation and maintain our own R&D department. Our specialists are our guarantee for constant development of our products and technologies. You can rely on our dedicated support in finding the best packaging solution for your products – from the idea up to the implementation in your packaging process.

Focus on sustainability

By tradition we are the experts to use renewable paper-based materials for the manufacturing of high-quality sterile barrier packaging. With our short and effective supply chains, we use sustainable infrastructure for any production of packaging material. And with respect to the variety of innovative materials and material combinations in our hands, we have already started to promote the design for recycling as our contribution to a circular economy and to the benefit of medical device manufacturers who already aim to comply with the upcoming Packaging and Packaging Waste Regulation.



State-of-the-art production technology



State-of-the-art technology and analytics



Standard-compliant manufacturing processes,
materials and test methods

Flat packaging

The ideal packaging for medical devices with low volume



Flat packaging made of heat seal coated paper

Flat packaging is the preferred sterilisation barrier system for low volume medical devices. Typical applications are the packaging of patches and compresses in wound care as well as suture material.

VP Medical Packaging offers a huge variety of materials for cold sealing or for hot sealing, which are optimally adapted to your requirements and your application. We focus on the product, the processing on your packaging machines as well as the opening behaviour of the packaging.

Possible applications

- Packaging for wound care products
- Packaging for compresses
- Packaging for syringes and needles
- Packaging for instruments
- Packaging for catheters

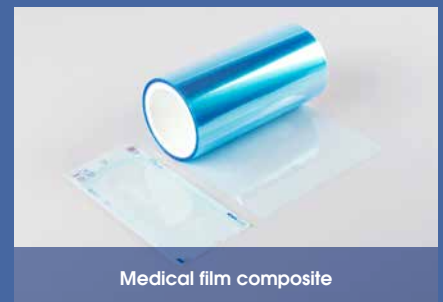
High variety of materials



Flat packaging made of cold seal coated paper



Flat packaging made of heat seal coated paper



Medical film composite

Possible applications



Packaging for wound care products



Packaging for compresses



Packaging for stures

FFS - form fill seal packaging

The ideal packaging for larger volume medical devices

Thermoformable packaging or Form Fill Seal packaging (FFS) are the preferred sterile barrier system for larger medical devices. Typical applications are prefilled syringes, instruments, kits and trays. During production of a FFS packaging, the steps of Form (Thermoforming), Fill (Filling) and Seal (Sealing) are carried out. The filling of the formed wells is done manually or by machine.

VP Medical Packaging offers you a variety of standard and standardised materials for FFS packaging as rollstock or as lids. It is suitable for the packaging of single use and reusable medical device.

Possible applications

- Packaging for syringes and needles
- Packaging for laboratory equipment and diagnostics
- Packaging for heavy devices
- Packaging for surgical instruments
- Packaging for kits and trays
- Lids for blisters
- and many more



High variety of materials



Form fill seal packaging made of White Line



Form fill seal packaging made of medical rigid film



Grid coated paper as rollstock material or as lids

Possible applications



Packaging for syringes and needles



Packaging for implants



Packaging for kits

Pouches and Reels

Different material combinations for your application



See-through pouches and see-through reels

Pouches and reels allow a flexible and optimised packaging of different medical devices. Our range includes standardised pouches and reels made of different materials. We are specialised in the production of customised products in special sizes. In addition, we offer you individual printing of indicators and layouts.

Possible applications

- Packaging for procedure kits
- Packaging for sterile sets
- Packaging for instruments
- Packaging for wound care
- Packaging for catheters
- Packaging for heart pacemaker
- Packaging for electrodes
- and many more

High variety of materials



See-through pouches and reels made of paper, DuPont™ Tyvek® White Line or PA/PE



Barrier pouches made of aluminium



Header bags

Possible applications



Packaging for medical devices and for sterile sets



Packaging for implants



Packaging for catheters

Your ideal packaging solution partner

We will find the right packaging for your requirements

When it comes to your packaging solution, we bring the required packaging materials into line with your packaging machine and the processes. Our system-oriented approach is based on our process expertise and knowledge of all current machine configurations, our long-term insights into the diverse process requirements of our customers and, of course, the special knowledge of our materials and material combinations.

The requirements for the validation of your packaging solutions can be very individual. With our experience, we can assist you in selecting and refining your concept. We can help to intelligently integrate the different approaches to ageing, transport and storage into the basic validation of the performance of your packaging solution. In order to reduce your efforts in general, and for the safety necessary for the persistence of your validation during audits.



Ideal packaging solutions for your requirements

Advice on regulatory issues

Active standardisation work for your benefit

We are experts within standards and regulations for medical packaging. Take advantage of the fact that we actively participate in standardisation bodies for sterile barrier systems.

Please do not hesitate to contact us for regulatory issues.



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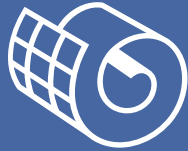


www.vp-group.de



Process experience

Our core expertise



Coating

We offer a large variety of coatings for medical paper and DuPont™ Tyvek®. Fully coated or grid coated materials make sure that our packaging meets with your customers' requirements regarding peelability and fibre-free opening.



Printing

We print medical papers, non-woven materials, and DuPont™ Tyvek® according to your specifications. High-quality printing up to 6 colours – including sterilisation indicators – guarantee a perfect presentation of your products.



Converting / Pouch-Making

We specialise in making pouches and reels by combining papers, non-woven materials and DuPont™ Tyvek®, suitable for the applied sterilisation method. Our pouches and reels are available in customised sizes – whether small or large – and correspond to the requested opening characteristics.

We are specialists

We conceive our packaging according to your production process and the special requirements of your machines. Our packaging guarantees safe protection and optimised presentation of your product, corresponding to standards and legal requirements.

Do you have any questions?

Our competent employees from the sales team will assist you by phone, and answer your questions. Feel free to use the contact form and send us a message. We will get back to you as soon as possible.

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