

Wrapping materials
crepe, non-woven and SSMMS

Responsibility is our commitment!

The Vereinigte Papierwarenfabriken (VP) have been manufacturing packaging and indicators for industrial applications and hospital use under the brand name stericlin® since 1974. Today, stericlin® is one of the leading providers in this field. Our quality sets worldwide standards. We offer extensive expertise in everything from packaging design and validation to compliance assessment and training.

From safety experts for safety experts.

The quality of all stericlin® products is closely linked to ever increasing demands on hygiene and medical technology. This is the reason why all our products fulfil or exceed the requirements of both European and international standards. We secure and maintain this competitive edge with a development and applications department, a subsidiary for the development and production of indicators, comprehensive quality management processes and consistent process monitoring.



The stericlin® hospital range:

- See-through packaging
- Wrap packaging
- Batch Monitoring Systems (BMS)
- Process indicators
- Accessories

The stericlin® production facilities:

- The latest printing and coating systems
- The latest cutting and prefabrication systems
- The latest laboratory equipment and analysis procedures
- Two ISO Class 8 clean rooms with 2.500 m² in accordance with DIN EN ISO 14644 standards, Part 1 and 3
- Manufacturing processes and materials in accordance with DIN EN ISO 11607 standards
- Seamless traceability
- In-process monitoring systems



stericlin® from safety experts for safety experts.



State-of-the-art manufacturing facilities



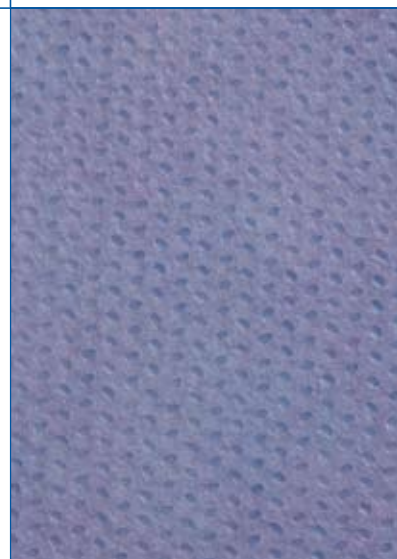
Leading medical technology "Made in Germany"

Crepe

Crepe wrapping paper is a very economical option for packaging large and bulky sterilised objects. Crepe from stericlín® is made of 100 % cellulose fibre.

Non-woven

Non-woven fabric is a water repellent and alcohol resistant wrapping material made of cellulose and synthetic fibres.

SSMMS

Polypropylene SSMMS is the high strength wrapping material for STEAM-, EO and plasma sterilisation. Its above average tear resistance and drapability makes polypropylene the ideal material for the most demanding applications.

Which is the most suitable material

Material	Range of products	Use	Sterilisation compatibility	Colours	Standards-compliance
Paper	Crepe Crepe sensitive	Light instruments and sets, short distance transport	STEAM, EO, Gamma	white, green, blue	ISO 11607, EN 868-2
Non-woven	Non-woven 52 gr./m ² , Interleaved non-woven 52	Light and medium weight instruments and sets, short distance transport, inner wrapping for trays in containers	STEAM, EO, Gamma	blue, green	ISO 11607, EN 868-2
Non-woven	Non-woven 59 gr./m ²	Light and medium weight instruments and sets, short and medium distance transport, inner wrapping for trays in containers	STEAM, EO, Gamma	blue	ISO 11607, EN 868-2
SSMMS	Non-woven polypropylene fabric 43 gr./m ²	Light and medium weight instruments and sets, long distance transport, inner wrapping for trays in containers	STEAM, EO, Plasma	blue/violet	ISO 11607, EN 868-2

Today, it is impossible to imagine a modern CSSD without sterile wrapping materials

The advantages of this packaging material, in particular its economical use and space-saving storage requirements, speak for themselves. Stericlin[®] offers 6 different versions to suit any conceivable application in a wide range of formats and colours.

Crepe	Sterilisation compatibility	Use	Colours
	STEAM, EO, Gamma	Light instruments and sets	white, blue, green
<p>Crepe is manufactured from 100% medical-quality cellulose fibres and combines most economical wrapping with good drapability. Crepe is particularly suitable for the packaging of lighter instruments and sets.</p>			
Crepe sensitive	Sterilisation compatibility	Use	Colours
	STEAM, EO, Gamma	Light instruments and sets	white, green
<p>Due to a special production process crepe sensitive is softer and more flexible to manipulate. Crepe can be combined with non-woven and also with polypropylene wrapping materials.</p>			
Non-woven	Sterilisation compatibility	Use	Colours
52 gr./m ²	STEAM, EO, Gamma	Light and medium weight instruments and sets, inner wrapping	blue, green
<p>52 gr./m² non-woven is the universal packaging solution. A medical-grade paper strengthened with polyester fibres, simultaneously soft, drapable and resilient. Also suitable as an inner lining for containers.</p>			

Non-woven fabrics are ideal for the packaging of larger, voluminous articles, e.g. surgical bowls or trays.

stericlin[®] polypropylene is recommended for instrument trays

Ideal, standards compliant packaging



Non-woven, interleaved	Sterilisation compatibility	Use	Colours
52 gr./m ²	STEAM, EO, Gamma	Light and medium weight instruments and sets, inner wrapping	blue, green
<p>In this series, the carton contains alternate blue and green wraps, an ideal solution for the preparation of double-layered packaging.</p>			
Non-woven	Sterilisation compatibility	Use	Colours
59 gr./m ²	STEAM, EO, Gamma	Light and medium weight instruments and sets, inner wrapping	blue
<p>Non-woven 59 gr./m² is a premium quality material with outstanding drapability and high resilience suitable for most CSSD packaging applications.</p>			
SSMMS	Sterilisation compatibility	Use	Colours
43 gr./m ²	STEAM, EO, plasma	All instruments, sets and inner wrappings	two-toned blue/violet
<p>Here, 5 layers of polypropylene ensure optimum safety and ease of handling. The best combination of drapability and mechanical resilience. The ideal solution, particularly for heavy medical products and instrument trays.</p>			

Non-woven packaging is highly recommendable for the packaging of sets.

Wrapping materials are a standard solution in modern sterilisation departments

Non-woven fabrics and polypropylene are particularly suitable for lining containers.





The Feuchtwangen site in Germany

stericlin[®] – Medical technology “Made in Germany”

The entire manufacturing process is a multi-shift operation under clean room conditions. A highly qualified workforce and state-of-the-art equipment guarantee consistently high manufacturing quality in Europe. Stericlin[®] is the leading converter of medical grade papers, the largest supplier of packaging systems for wound care products and the leading supplier of sterile barrier systems and chemical indicators for Central Sterile Supply Departments (CSSD).

Quality and safety

All packaging products display complete standards-compliant coding and clearly printed colours and indicators. The superior barrier properties are a consequence of carefully selected materials and continuous quality assurance. Stericlin[®] employs only the highest quality materials as a matter of course, e.g. 70 g/m² paper. The decisive difference for safety experts.



stericlin[®] Academy

Launched in the 1990s, the stericlin[®] Academy is a respected forum for the exchange of opinions and information for specialists in the fields of sterilisation and hygiene in hospitals and medical practitioners' surgeries. This event, dedicated to professional advancement, is held several times each year at different locations. Visit our website at www.vp-group.de/stericlin to find the latest calendar of coming events.

Quality management

Our quality management process is based on three pillars: ISO 9001 process management, ISO 14001 environmental management and ISO 18001 for occupational health and safety.

Standards and validation

Sterile barrier systems from stericlin[®] fulfil the requirements of ISO 11607 and EN 868 standards, and their compliance with standards is monitored continuously by approved, independent laboratories. This, however, is not stipulated in the standards. This is a voluntary act on our own part: stericlin[®] – Responsibility is our commitment.

Logistics

All stericlin[®] products are dispatched directly from our warehouse facilities in Feuchtwangen. Quickly and efficiently, thanks to fully automated warehousing and order picking systems. This reduces your restocking times and the need for excessive stock on hand.

The carton label – made easy.

Stericlin® delivers all products packed in strong cartons directly from the warehouse facilities in Feuchtwangen. The sterile barrier systems are wrapped in film. The outer carton carries a label showing all significant details of the content. All details relating to traceability are printed on the detachable section of the label intended for documentation purposes.



- ① Barcode, contains article no.
- ② Manufacturing month and year
- ③ Sterile barrier system size
- ④ Article number
- ⑤ Shelf life until, month and year
- ⑥ Batch number
- ⑦ Symbol: Single use only
- ⑧ Carton content (pcs.)
- ⑨ CE marks
- ⑩ Store at 35 – 60 % relative humidity
- ⑪ Storage temperature between 15° and 25° C
- ⑫ Multi-language product description with standards declaration

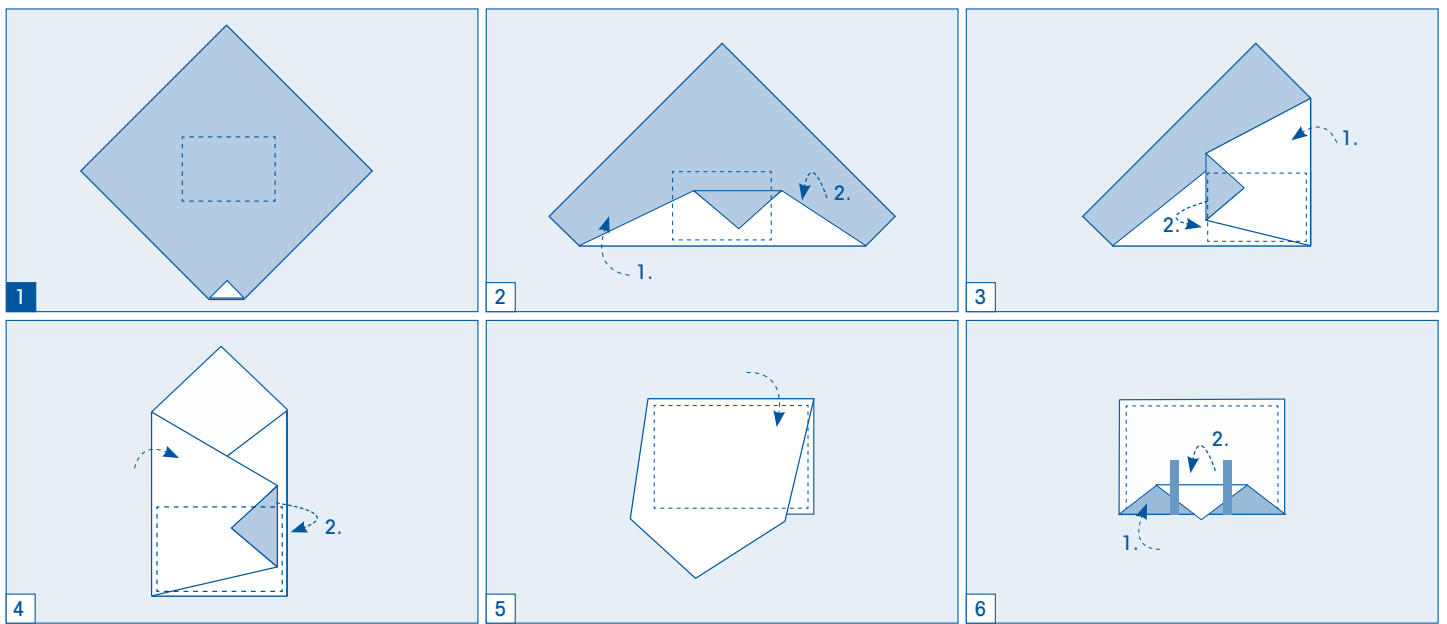


Storage indications:

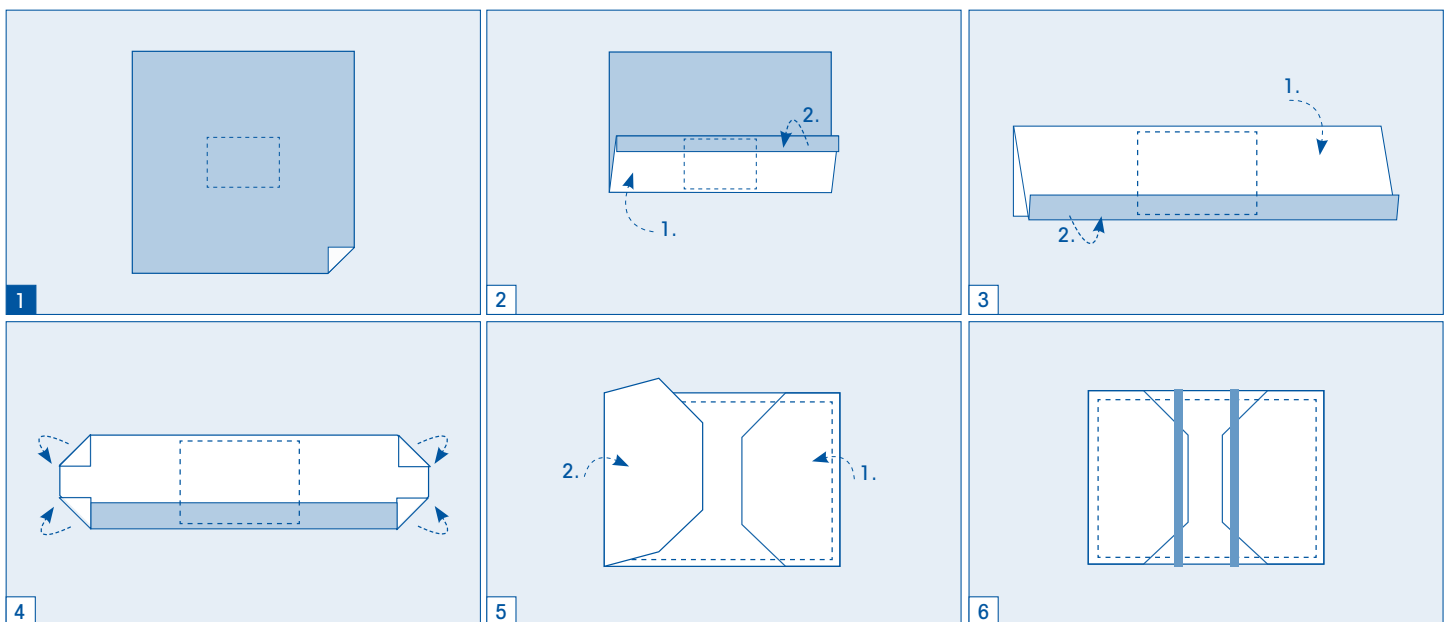
Sterile barrier systems (SBS) must guarantee aseptic presentation, this is why dust-free and low germ-count storage is essential. Storage conditions should strictly comply with the requirements of DIN 58953. In the case of storage under clean room conditions, sterile barrier systems may have a shelf-life in storage of up to 5 years, however, it is essential to observe the expiry date.

DIN 58953-7 shows 2 methods of packaging with wrapping materials.

Packing method 1 "diagonal"



Packing method 2 "parallel"



The stericlin® wrapping materials product range – all sizes, all colour / all dimensions in centimetre

Crepe

Dimensions	40 x 40	50 x 50	60 x 60	75 x 75	80 x 80	90 x 90	100 x 100	120 x 120	40 x 40	50 x 50	60 x 60
Colour	white	white	white	white	white	white	white	white	green	green	green
Pack (pcs.)	500	500	500	250	250	250	250	125	500	500	500
Dimensions	75 x 75	80 x 80	90 x 90	100 x 100	120 x 120	50 x 50	60 x 60	75 x 75	100 x 100	120 x 120	
Colour	green	green	green	green	green	blue	blue	blue	blue	blue	
Pack (pcs.)	250	250	250	250	125	500	500	250	250	125	

Crepe sensitive

Dimensions	60 x 60	75 x 75	90 x 90	100 x 100	120 x 120	60 x 60	75 x 75	90 x 90	100 x 100	120 x 120	
Colour	white	white	white	white	white	green	green	green	green	green	
Pack (pcs.)	500	250	250	250	125	500	250	250	250	125	

Non-woven fabric 52 gr./m²

Dimensions	50 x 50	60 x 60	75 x 75	90 x 90	100 x 100	100 x 140	120 x 120	120 x 140	130 x 150	140 x 140	150 x 190
Colour	blue	blue	blue	blue	blue	blue	blue	blue	blue	blue	blue
Pack (pcs.)	500	500	200	200	200	100	100	100	100	100	100
Dimensions	50 x 50	60 x 60	75 x 75	90 x 90	100 x 100	120 x 120	130 x 130				
Colour	green	green	green	green	green	green	green				
Pack (pcs.)	500	500	200	200	200	100	100				

Non-woven interleaved fabric 52 gr./m²

Dimensions	75 x 75	90 x 90	100 x 100	120 x 120	120 x 140						
Colour	blue/green	blue/green	blue/green	blue/green	blue/green						
Pack (pcs.)	200	200	200	100	100						

Non-woven fabric 59 gr./m²

Dimensions	60 x 60	75 x 75	90 x 90	100 x 100	120 x 120	140 x 140					
Colour	blue	blue	blue	blue	blue	blue					
Pack (pcs.)	500	200	200	200	100	100					

Non-woven polypropylene SSMMS fabric 43 gr./m²

Dimensions	50 x 50	75 x 75	90 x 90	100 x 100	120 x 120	120 x 140	140 x 140	150 x 190			
Colour	blue/violet	blue/violet	blue/violet	blue/violet	blue/violet	blue/violet	blue/violet	blue/violet			
Pack (pcs.)	500	200	200	200	100	100	100	100			

**Packaging solutions
for industry**

- 4SS Packaging
- FFS Packaging
- Manual Packaging

**Chemical Indicators/
Bowie & Dick**

- Batch Monitoring Systems (BMS)
- Bowie & Dick-Test Systems
- Process Indicators

**System packaging
for hospitals**

- See-Through Packaging
- Wrap Packaging
- Accessories

Service

- Stericlin[®] Academy
- Validation
- Continuing Education



a member of the vp-group.de

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