

Product Catalogue





Interster International

Your partner for CSSD, Endoscopy and investment solutions 4

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Your partner for CSSD, Endoscopy and Investment Solutions

Over the years, the export business of Interster has grown rapidly and it is without a doubt that our official company name Interster International B.V. is justified. By now there are Interster distributors in many countries around the globe, with a particularly strong distributor base in Europe. The Interster Bowie & Dick type test, SMS and Non-Woven wrapping material, and chemical indicators (steam, plasma, formaldehyde and EO) are the products of choice in hospitals from Madrid to Beijing, and from Sydney to Durban.

- + As a hospital or clinic there is a continuous need to conform to the changing laws and legislation with regard to working in a sterile environment.
- + Undoubtedly your main concern will be the patients; for them, a sterile product delivered by the CSSD to the Operating Theatre is crucial. But how will you keep your products and knowledge up to date, without having to find out everything by yourself?
- + Interster International B.V. is your specialized partner for CSSD. We develop and deliver all products that enable your hospital or clinic to work within a sterile environment. Also for the additional storage and logistics you can count on us.





Everything within reach

As a market leader in consumables, Interster International B.V. has chosen for the role of total supplier to this department. This means that, in all phases of the CSSD process we can play a role with our product package: cleaning, disinfection, packing, sterilization and storage.

The extensive knowledge that Interster has in this specialized field offers assistance to many hospitals to refine and improve the level of quality within their working environment at the CSSD. As an innovative partner for the CSSD, Interster supplies in-house developed sterilization control products. In addition we possess unique cutting facilities for packaging materials.





Wrapping

Interster delivers a total range of packaging materials to the CSSD. All of these materials can be delivered in standard formats. Interster prides itself in distinguishing herself by possessing her own unique cutting facility for the processing of semi-finished products into sterilization packaging materials.

Interster can meet specific demands of this area in every CSSD. Nearly every combination can be delivered in many different sizes. It is also possible to obtain various types in interleaved combinations. It is a known fact that sterilization packaging materials are regarded as company waste. Our complete range conforms to the norm EN-ISO 11607 1 & 2 and all products are provided with a CE-mark.

All wrapping materials can be delivered in standard formats: 75 x 75 cm, 90 x 90 cm, 100 x 100 cm, 120 x 120 cm and 120 x 140 cm

We at Interster can offer and cut custom made sizes of the wrapping materials. We control the production process from start to finish, offering four different types of wrapping materials. This allows us to interleave all possible color combinations, material combinations and different weights.

Our Quality system guarantees the traceability of all our wrapping materials. Each production batch has a unique lot number. The lot numbers are printed on the labels of the transportation box and on a flyer and also on the wrapping material itself.



Interster Crêpe Sensitive

The crêpes are strong and extremely suitable for regular work. The Crêpe Sensitive can be used in particular as external or transport packaging.

Crêpe Sensitive is smoother and softer for the hands than the Crêpe Blue.

All crêpes also have an excellent steam-permeable and moisture-regulating property. In addition, the crêpes are available Interleaved.

Quality

The wrapping materials are all conform NEN-EN-ISO 11607-1:2009+A1:2014 and the NEN-EN 868-2:2009. The crêpes can be used for steam-, ETO-, formaldehyde and gamma sterilisation methods.

- Is a non-woven packaging material
- Consists of 100% cellulose
- Micrexed structure creates great drapeability
- Has a weight of 60g / m²
- Available in many sizes
- Is normally used as an 'outer layer' and not as an inner layer
- Available in white and blue



Article No.	Description	Size
3FPAP320805	Crêpe Sensitive White 60g/m ²	75 x 75 cm
3FPAP320806	Crêpe Sensitive White 60g/m ²	90 x 90 cm

Article No.	Description	Size
3FPAP320808	Crêpe Sensitive Blue 60g/m ²	60 x 60 cm



Interwrap

The Interwrap Sterile Barrier System meets the 11607-1 and 868-2 standard. The Interwrap 340 and 350 are very flexible and strong wrapping materials that offer optimum protection. Also, the 340 and 350 non-wovens are alcohol repellent, which makes them useable as a sterile field. Interwrap 340 and 350 are available in blue and green.

Components

Interwrap non-woven is a combination of cellulose fibres, enhanced with polyester fibres and a binder. The Interwrap non-wovens are micrexed very delicately, which makes the material extra flexible and drapeable and simplifies the packaging process. The Interwrap material is available Interleaved.

- Available in 3 weights
- Conform EN-ISO-11607-1 and EN 868-2
- WLNW
- Alcohol repellent
- Excellent moisture absorption



Features

The Interwrap 340 and 350 non-wovens provide an excellent regulation of fluids; after sterilization they have perfect fluid repellent qualities that prevent the migration of micro organisms. Isopropyl-alcohol resistance of 70% makes Interwrap suitable as packaging material as well as a sterile field. Interwrap non-wovens offer a high resistance in pulling and tearing strength, due to the combination of cellulose and polyester fibres. Interwrap is particle-free and memoryfree; the latter meaning that, both before and after sterilization, the packaging material will not fold back when the sterile set is opened.

Article No.	Description	Size	Alc. Rep.
3FVLI330802	Interwrap 335 blue 52g/m ²	90 x 90 cm	Yes
3FVLI330803	Interwrap 335 blue 52g/m ²	100 x 100 cm	Yes
3FVLI350803	Interwrap 340 green 57g/m ²	75 x 75 cm	Yes
3FVLI350804	Interwrap 340 green 57g/m ²	90 x 90 cm	Yes
3FVLI350805	Interwrap 340 green 57g/m ²	100 x 100 cm	Yes
3FVLI350806	Interwrap 340 green 57g/m ²	120 x 120 cm	Yes
3FVLI352802	Interwrap 350 blue 67g/m ²	100 x 100 cm	Yes



Secu-Wrap

The Secu-Wrap Sterile Barrier System new generation SMS, combines a high strength and optimum steam penetration with excellent drapeability and a full barrier against micro-organisms.

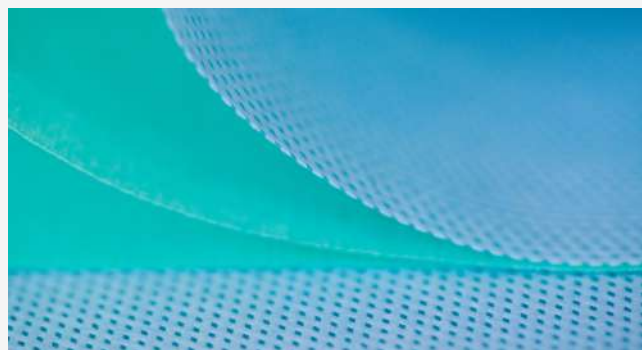
Secu-Wrap is available in Standard blue 37 grams, Regular blue 47 grams, Heavy Duty blue 55 grams and All-in-One 80 grams in blue/green. Secu-Wrap Regular is also available in green.

Secu-Wrap is composed of four layers polypropylene SMMS fibres (Spunbound, Meltblown, Meltblown, Spunbound), of which the two inner layers consist of microfibers that avoid the penetration of particles, blood or other fluids.

Secu-Wrap sterilization wrapping material has excellent liquid repellence and the exposure to dust and particles is reduced to a minimum. This means the migration of bacteria via particles is almost excluded. Secu-Wrap is strong and flexible. By combining the two other layers (long polypropylene fibres) with the two inner layers, Secu-Wrap offers a very high resistance to tearing. Secu-Wrap is both before and after sterilization memory-free, due to its components and structure, the material does not fold back when the sterile set is opened. This ensures a good aseptic technique and subsequently, it prevents contamination. Secu-Wrap is suitable for steam, formaldehyde, EO and gas plasma sterilization and exceeds the existing standards.

Secu-Wrap

- Conform EN-ISO-11607-1 and EN 868-2
- Excellent liquid resistance
- High tearing resistance tensile
- No memory nor drapeability
- 4 layers of polypropylene fibers (SMMS)





Secu-Wrap

Article No.	Description	Size	
3FSMS355805	Secu-Wrap 37 g/m ² Standard	75 x 75 cm	Blue
3FSMS355806	Secu-Wrap 37 g/m ² Standard	90 x 90 cm	Blue
3FSMS355807	Secu-Wrap 37 g/m ² Standard	100 x 100 cm	Blue
3FSMS355808	Secu-Wrap 37 g/m ² Standard	120 x 120 cm	Blue
3FSMS355809	Secu-Wrap 37 g/m ² Standard	120 x 140 cm	Blue
3FSMS355810	Secu-Wrap 37 g/m ² Standard	140 x 140 cm	Blue
3FSMS355811	Secu-Wrap 37 g/m ² Standard	140 x 160 cm	Blue

Article No.	Description	Size	
3FSMS361802*	Secu-Wrap 47 g/m ² Regular	60 x 60 cm	Blue
3FSMS361803*	Secu-Wrap 47 g/m ² Regular	75 x 75 cm	Blue
3FSMS361804*	Secu-Wrap 47 g/m ² Regular	90 x 90 cm	Blue
3FSMS361805*	Secu-Wrap 47 g/m ² Regular	100 x 100 cm	Blue
3FSMS361806*	Secu-Wrap 47 g/m ² Regular	120 x 140 cm	Blue

Please contact us if you require different sizes from the articles shown here, sizes from 50 x 50 cm up to the large sizes are possible, MOQ and longer lead times for first delivery might apply

*Secu-wrap Regular is also available in Light Green



Secu-Wrap

Article No.	Description	Size	
3FSMS363804	Secu-Wrap Heavy Duty 55 g/m2	100 x 100 cm	Blue
3FSMS363805	Secu-Wrap Heavy Duty 55 g/m2	120 x 120 cm	Blue
3FSMS363807	Secu-Wrap Heavy Duty 55 g/m2	165 x 165 cm	Blue

Article No.	Description	Size	
3FSMS366803	Secu-Wrap All-in-one 80 g/m2	75 x 75 cm	Green/blue
3FSMS366804	Secu-Wrap All-in-one 80 g/m2	90 x 90 cm	Green/blue
3FSMS366805	Secu-Wrap All-in-one 80 g/m2	100 x 100 cm	Green/blue
3FSMS366807	Secu-Wrap All-in-one 80 g/m2	120 x 120 cm	Green/blue



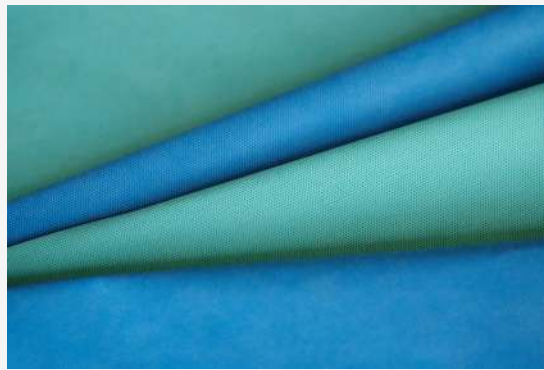
Meatex

A new generation Non-woven

Meatex Sterile Barrier System meets the EN-ISO 11607 among others. This is also a new generation non-woven combines a high strength and optimum steam penetration with excellent drapeability and a full barrier against micro-organisms.

Meatex is available in Standard blue 37 grams, Regular blue 47 grams, Heavy Duty blue 55 grams and Xtreme blue 75 grams. Meatex Regular green 47 grams is alcohol repellent.

- Conform EN-ISO 11607
- Excellent drapeability
- 5 layers
- SSMMS
- Tearing Resistant



Components

Meatex consists of five layers of polypropylene SSMMS (Spunbound, Spunbound, Meltblown, Meltblown, Spunbound), of which the two inner layers consist of microfibers that avoid the penetration of particles, blood or other fluids, and meets the existing standards and guidelines. Combitec is suitable for steam, formaldehyde, plasma and EO sterilization. The product absorbs and detaches moisture during the sterilization process and it guarantees optimal protection against the migration of bacteria after sterilization.

Features

Meatex Sterile Barrier System has excellent fluid repelling features that prevent the migration of micro-organisms. In addition, Meatex green is resistant to isopropyl-alcohol of 70%, which makes these non-wovens suitable as packaging material, but also adequate as a sterile field in the operating theatre. Interster's Meatex is strong and flexible. By combining the three outer layers (long polypropylene fibers) with the two inner layers, Meatex offers a high resistance in pulling and tearing strength. Meatex is both before and after sterilization memory-free due to its components and structure, the material does not fold back when the sterile set is opened. This ensures a good aseptic technique and, subsequently, prevents contamination. .



Meatex

Single sheets

Article No.	Description	Size	Alc. Rep.
3FSMS355853	Meatex Standard Blue 37 g/m2	90 x 90 cm	No
3FSMS355855	Meatex Standard Blue 37 g/m2	100 x 100 cm	No
3FSMS355856	Meatex Standard Blue 37 g/m2	120 x 120 cm	No
3FSMS355857	Meatex Standard Blue 37 g/m2	120 x 140 cm	No
3FSMS355858	Meatex Standard Blue 37 g/m2	140 x 140 cm	No

Article No.	Description	Size	Alc. Rep.
3FSMS361853	Meatex Regular Blue 47 g/m2	90 x 90 cm	No
3FSMS361854	Meatex Regular Blue 47 g/m2	100 x 100 cm	No
3FSMS361855	Meatex Regular Blue 47 g/m2	120 x 120 cm	No
3FSMS361863	Meatex Regular Green 47 g/m2	75 x 75 cm	Yes
3FSMS361865	Meatex Regular Green 47 g/m2	100 x 100 cm	Yes
3FSMS361866	Meatex Regular Green 47 g/m2	120 x 120 cm	Yes

Article No.	Description	Size	Alc. Rep.
3FSMS363853	Meatex Heavy Duty Blue 55 g/m2	75 x 75 cm	No
3FSMS363854	Meatex Heavy Duty Blue 55 g/m2	90 x 90 cm	No
3FSMS363855	Meatex Heavy Duty Blue 55 g/m2	100 x 100 cm	No
3FSMS363856	Meatex Heavy Duty Blue 55 g/m2	120 x 120 cm	No



Meatex

Article No.	Description	Size	Alc. Rep.
3FSMS367801	Meatex Xtreme Blue 75 g/m ²	75 x 75 cm	No
3FSMS367802	Meatex Xtreme Blue 75 g/m ²	90 x 90 cm	No
3FSMS367803	Meatex Xtreme Blue 75 g/m ²	100 x 100 cm	No
3FSMS367804	Meatex Xtreme Blue 75 g/m ²	120 x 120 cm	No

Interleaved

Article No.	Description	Size	Alc. Rep.
3FITL382822	Meatex Standard Blue/Regular Green (37 g/m ² + 47 g/m ²)	75 x 75 cm	Green 47 g/m ² , Yes
3FITL382826	Meatex Standard Blue/Regular Green (37 g/m ² + 47 g/m ²)	90 x 90 cm	Green 47 g/m ² , Yes
3FITL382828	Meatex Standard Blue/Regular Green (37 g/m ² + 47 g/m ²)	100 x 100 cm	Green 47 g/m ² , Yes
3FITL382832	Meatex Standard Blue/Regular Green (37 g/m ² + 47 g/m ²)	120 x 120 cm	Green 47 g/m ² , Yes

Article No.	Description	Size	Alc. Rep.
3FITL382802	Meatex Standard Blue/Secuwrap Light Gr. (37 g/m ² + 47 g/m ²)	100 x 100 cm	No
3FITL382804	Meatex Standard Blue/Secuwrap Light Gr. (37 g/m ² + 47 g/m ²)	120 x 120 cm	No
3FITL382806	Meatex Standard Blue/Secuwrap Light Gr. (37 g/m ² + 47 g/m ²)	120 x 140 cm	No

Article No.	Description	Size	Alc. Rep.
3FITL383808	Meatex Regular Blue/Regular Green (47 g/m ² + 47 g/m ²)	75 x 75 cm	Green 47 g/m ² , Yes
3FITL383812	Meatex Regular Blue/Regular Green (47 g/m ² + 47 g/m ²)	90 x 90 cm	Green 47 g/m ² , Yes
3FITL383814	Meatex Regular Blue/Regular Green (47 g/m ² + 47 g/m ²)	100 x 100 cm	Green 47 g/m ² , Yes
3FITL383822	Meatex Regular Blue/Regular Green (47 g/m ² + 47 g/m ²)	120 x 120 cm	Green 47 g/m ² , Yes



Meatex

Article No.	Description	Size	Alc. Rep.
3FITL384822	Meatex HD Blue/Regular Green (55 g/m ² + 47 g/m ²)	75 x 75 cm	Green 47 g/m ² , Yes
3FITL384824	Meatex HD Blue/Regular Green (55 g/m ² + 47 g/m ²)	90 x 90 cm	Green 47 g/m ² , Yes
3FITL384826	Meatex HD Blue/Regular Green (55 g/m ² + 47 g/m ²)	100 x 100 cm	Green 47 g/m ² , Yes
3FITL384828	Meatex HD Blue/Regular Green (55 g/m ² + 47 g/m ²)	120 x 120 cm	Green 47 g/m ² , Yes

Article No.	Description	Size	Alc. Rep.
3FITL387802	Meatex Xtreme Blue/Regular Green (75 g/m ² + 47 g/m ²)	75 x 75 cm	Green 47 g/m ² , Yes
3FITL387804	Meatex Xtreme Blue/Regular Green (75 g/m ² + 47 g/m ²)	90 x 90 cm	Green 47 g/m ² , Yes
3FITL387806	Meatex Xtreme Blue/Regular Green (75 g/m ² + 47 g/m ²)	100 x 100 cm	Green 47 g/m ² , Yes
3FITL387810	Meatex Xtreme Blue/Regular Green (75 g/m ² + 47 g/m ²)	120 x 120 cm	Green 47 g/m ² , Yes
3FITL387812	Meatex Xtreme Blue/Regular Green (75 g/m ² + 47 g/m ²)	120 x 140 cm	Green 47 g/m ² , Yes
3FITL387816	Meatex Xtreme Blue/Regular Green (75 g/m ² + 47 g/m ²)	140 x 140 cm	Green 47 g/m ² , Yes



Twin-Wrap

Interster does not only deliver a total package of sterilization wrapping materials for the CSSD, but also actively takes part in finding solutions to save time. In addition to our traditional 2-phase wrapping materials, we have extended our range with a 1-phase wrapping from now on. Interster introduces Twin Wrap 1-phase wrapping, a combination of materials SMS blue/green or SMS non-woven blue/green. Twin Wrap offers you the usual, high standard quality material you expect from our company. Twin Wrap exists of two layers, sealed wrapping material. Thanks to this, an optimal barrier against micro-organisms is formed and effective steam sterilization can take place during the process.

- One-phase wrapping material
- Cost-efficient solution
- Available in 2 types: SMS/SMS and SMS/WLNW
- Available with Alc. Rep.
- Also fit for Plasma (VH202)





Twin-Wrap

Article No.	Description	Size	Alc. Rep.
3FDOP384904	Twin-Wrap SMMS HD Blue 55g/m ² / Secuwrap L. Green 47g/m ²)	75 x 75 cm	No
3FDOP384906	Twin-Wrap SMMS HD Blue 55g/m ² / Secuwrap L. Green 47g/m ²)	90 x 90 cm	No
3FDOP384908	Twin-Wrap SMMS HD Blue 55g/m ² / Secuwrap L. Green 47g/m ²)	100 x 100 cm	No
3FDOP384910	Twin-Wrap SMMS HD Blue 55g/m ² / Secuwrap L. Green 47g/m ²)	120 x 120 cm	No
3FDOP384912	Twin-Wrap SMMS HD Blue 55g/m ² / Secuwrap L. Green 47g/m ²)	140 x 140 cm	No

Article No.	Description	Size	Alc. Rep.
3FDOP374922	Twin-Wrap SMMS Blue 58g/m ² / WLNW Green 57g/m ²	75 x 75 cm	Green 57g/m ² , Yes
3FDOP374926	Twin-Wrap SMMS Blue 58g/m ² / WLNW Green 57g/m ²	90 x 90 cm	Green 57g/m ² , Yes
3FDOP374928	Twin-Wrap SMMS Blue 58g/m ² / WLNW Green 57g/m ²	100 x 100 cm	Green 57g/m ² , Yes
3FDOP374932	Twin-Wrap SMMS Blue 58g/m ² / WLNW Green 57g/m ²	120 x 120 cm	Green 57g/m ² , Yes
3FDOP374938	Twin-Wrap SMMS Blue 58g/m ² / WLNW Green 57g/m ²	140 x 140 cm	Green 57g/m ² , Yes



Pouches and Reels

See through pouches and reels are frequently used in hospitals and medical institutions packaging of medical devices. The foil offers a 100% barrier against contamination via air or via liquids. The medical paper on the other side of the package ensures that the steam can pass through the packaging. The Interster Blue Seal MBS-9 range has a number patient safety features and is user-friendly. It is easy and safe to open and by using a thumb recess the see through pouches can be filled safely and easily and be aseptically opened afterwards. The shape of the seal ensures minimal particle transfer when opening the pouch. In addition, the chance of tearing is minimized. As opposed to some see through reels and pouches, the Blue Seal MBS-9 reel is printed outside the seal. Due to the extreme conditions of high pressure steam sterilization, there is a risk that ink will run in the see through packaging or in an extreme case ends up on the packed instruments. By printing on the outside of the seal the risk of passing on the ink onto the instruments is prevented.

Both the see through pouches and the reels are fitted with a steam indicator, therefore, enabling the monitoring of a process immediately. On the pouch there is an indicator in the shape of the Interster logo. The reels are provided with a discoloration surface that serves as an indicator.



See through pouches

Blue Seal pouches

- ISO 11607-1 and EN 868-5
- Unique 9 layer laminate
- Printing outside the seal
- Type 1 steam process indicator
- Available as gusseted pouches



Article No.	Description	Size
3FKFB210802	Blue Seal See through pouch	50x250 mm
3FKFB210804	Blue Seal See through pouch	75x150 mm
3FKFB210806	Blue Seal See through pouch	75x250 mm
3FKFB210808	Blue Seal See through pouch	75x300 mm
3FKFB210810	Blue Seal See through pouch	100x150 mm
3FKFB210812	Blue Seal See through pouch	100x200 mm
3FKFB210814	Blue Seal See through pouch	100x250 mm
3FKFB210816	Blue Seal See through pouch	100x300 mm
3FKFB210818	Blue Seal See through pouch	100x350 mm
3FKFB210820	Blue Seal See through pouch	100x400 mm
3FKFB210824	Blue Seal See through pouch	120x300 mm
3FKFB210826	Blue Seal See through pouch	120x400 mm
3FKFB210828	Blue Seal See through pouch	150x200 mm
3FKFB210830	Blue Seal See through pouch	150x300 mm



See through pouches

Article No.	Description	Dimensions
3FKFB210832	Blue Seal See through pouch	150x380 mm
3FKFB210834	Blue Seal See through pouch	150x400 mm
3FKFB210836	Blue Seal See through pouch	160x220 mm
3FKFB210838	Blue Seal See through pouch	160x350 mm
3FKFB210840	Blue Seal See through pouch	160x600 mm
3FKFB210842	Blue Seal See through pouch	210x280 mm
3FKFB210844	Blue Seal See through pouch	210x350 mm
3FKFB210846	Blue Seal See through pouch	210x400 mm
3FKFB210848	Blue Seal See through pouch	210x420 mm
3FKFB210850	Blue Seal See through pouch	250x380 mm
3FKFB210852	Blue Seal See through pouch	250x500 mm
3FKFB210854	Blue Seal See through pouch	270x450 mm
3FKFB210856	Blue Seal See through pouch	320x500 mm
3FKFB210858	Blue Seal See through pouch	320x600 mm
3FKFB210860	Blue Seal See through pouch	420x600 mm

Article No.	Description	Dimensions
3FKSB220802	Blue Seal See through gusseted pouch	100x50x300 mm
3FKSB220804	Blue Seal See through gusseted pouch	150x50x400 mm
3FKSB220806	Blue Seal See through gusseted pouch	200x50x400 mm
3FKSB220808	Blue Seal See through gusseted pouch	250x60x480 mm



See through reels

Blue Seal reel

- ISO 11607-1 and EN 868-5
- Unique 9 layer laminate
- Printing outside the seal
- Type 1 steam process indicator
- Available as gusseted reels



Article No.	Description	Dimensions
3FKFS230804	Blue Seal see through reel	75 mm x 200 m
3FKFS230806	Blue Seal see through reel	100 mm x 200 m
3FKFS230810	Blue Seal see through reel	150 mm x 200 m
3FKFS230812	Blue Seal see through reel	200 mm x 200 m
3FKFS230814	Blue Seal see through reel	250 mm x 200 m
3FKFS230816	Blue Seal see through reel	300 mm x 200 m
3FKFS230820	Blue Seal see through reel	400 mm x 100 m

Article No.	Description	Dimensions
3FKSS230910	Blue Seal see through gusseted reel	150 x50 mm x 100 mtr
3FKSS230912	Blue Seal see through gusseted reel	200 x55 mm x 100 mtr
3FKSS230920	Blue Seal see through gusseted reel	400 x80 mm x 66 mtr



Chemical indicators

Type 1

Type 1 chemical indicators are also known as process indicators. These types of indicators are external and indicate whether an instrument set has been fully exposed to the sterilization process. Indication tapes and labels placed on the outside of a pack are examples of chemical indicators of type 1.

Type 2

Type 2 chemical indicators are indicators for use in specific tests. These types of chemical indicators are used in specific procedures defined by sterilization standards. For example, Bowie & Dick tests are used for a steam steriliser with a pre-vacuum cycle to check the efficiency of air removal and steam penetration in the autoclave chamber.

Type 4

Type 4 chemical indicators, also known as multi-variable indicators, respond to two or more critical parameters of the sterilization process and indicate the exposure to the cycle at the indicated values of the chosen parameters. Time and temperature are examples of critical parameters that would be chosen for a steam sterilization process.

Type 5

Type 5 chemical indicators are also known as integrating indicators or integrators. These CIs are designed to respond to all critical parameters during a certain range of sterilization cycles. The performance of Type 5 indicators has been linked to the performance of biological indicators.

Type 6

Type 6 chemical indicators are known as Cycle Specific Indicators and are designed to respond to all critical parameters for specified sterilization cycles. For example, each Type 6 CI for steam sterilization monitors the specific temperature and time of a selected sterilization cycle.



Type 1 indicator

The Plasma Indicator is developed to monitor the plasma sterilization process. Plasma sterilization (by means of the usage of hydrogen peroxide) is a process by low temperature. Due to this, this type of sterilization is very suitable for heat sensitive products. Since no cellulose can be used in this process, the indicator is manufactured of Tyvek material.

Plasma indicator

- Ink changes from pink to yellow
- Conform ISO-11140-1
- Tyvek material



Article No.	Description	Sterilization method
3FSKS645808	Plasma indicator	VH202 Plasma



Type 2 indicators

Type 2 chemical indicators are indicators for use in specific tests. These types of chemical indicators are used in specific procedures defined by sterilization standards. For example, Bowie & Dick tests are used for a steam sterilizer with a pre-vacuum cycle to control the efficiency of air removal and steam penetration in the autoclave chamber.

Bowie & Dick Autoclave Lean Pack

- Daily test
- Conform ISO-11140-1+4
- BSI kitemark certified
- Test sheet stays flat
- All information on one side
- Also available in A4



Bowie & Dick Helix Test

- Aluminium case
- Conform ISO-11140-1+4
- 250 chemical indicator strips
- One set of gloves
- Convenient to store and easy to use



Article No.	Description	Stated values
3FSKS610860	Bowie & Dick Autoclave Lean pack (BSI)	3.5 min./134°C
3FSKS610804	Bowie & Dick Autoclave Test Pack	3.5 min./134°C
3FSKS615802	Bowie & Dick A4 Test Sheet	3.5 min./134°C
3FSKS613801	Bowie & Dick Helix Test	3-3.5 min./134°C



Type 2 indicators

Helix Test System

- Conform ISO 11140-1 (Type 2) and EN 867-5
- Ideal system for worst case test
- Controlling sterilization cycle for instruments
- Small white lumen



Article No.	Description	Stated values
3FSKS630804	Helix Test System - 1 tube + 400 test strips	3.5 min./134°C - 15 min./121°C
3FSKS630806	Helix Test System - 1 tube + 400 test strips	5.3 min./134°C - 15 min./121°C
3FSKS630808	Helix Test System - 1 tube + 100 test strips	7 min./134°C - 20 min./121°C
3FSKS630810	PCD Test System - 1 tube + 100 test strips	3.5 min./134°C - 15 min./121°C
3FSKS630812	Helix Prion Test System - 1 tube + 250 strips	18 min./134°C
3FSKS630802	Helix Test System - 1 tube + 100 test strips	3.5 min./134°C - 15 min./121°C



Type 4 indicators

Dual Steam Monitoring Strip

- ISO 11140-1 type 4
- Optimized layout and size
- Easy to assess due to reference color bar
- Less likely to curl
- More economic to ship and less space needed for storage



Article No.	Description	Stated values
3FSKS645806	Steam Monitoring Ind.	3.5 min./134°C - 15 min./121°C
3FSKS655816	Dual Monitoring Strip	3.5 min./134°C - 15 min./121°C



Type 4 indicators

Formaldehyde Indicator

- ISO 11140-1 type 4
- Low temperature steam sterilization
- F.O. is effective for heat sensitive products
- Changes from pink to green under correct circumstances



Ethylene Oxide Indicator

- ISO 11140-1 type 4
- Low temperature steam sterilization
- Changes from blue to green under correct circumstances
- monitors the critical parameters of the ethylene oxide sterilization process



Article No.	Description
3FSKS645810	Formaldehyde Indicator
3FSKS645812	Ethylene Oxide Indicator



Type 5 indicator

Type 5 chemical indicators are also known as integrating indicators or integrators. These CI's are designed to respond to all critical parameters during sterilization cycles. The performance of Type 5 indicators has been linked to the performance of biological indicators.

Steam Integrating Indicator

- Conform ISO-11140-1 for type 5 indicators
- Non-toxic and lead free
- With stated values For 121°C - 134°C & 135°C
- Checks all critical parameters (steam, temperature and time)
- Clear acceptance/fail lay-out



Article No.	Description	Stated values
3FSKS646802	Steam Integrating Indicator	5 min./135°C - 5.3 min./134°C - 16.5 min./121°C



Indicator Type 6

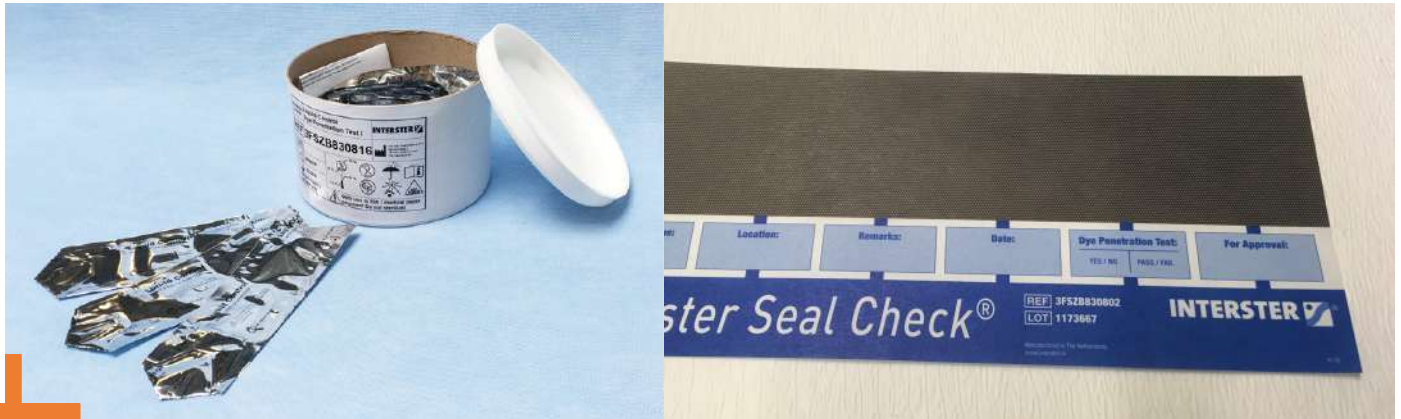
Type 6 chemical indicators are known as Cycle Specific Indicators and are designed to respond to all critical parameters for specified sterilization cycles. For example, each Type 6 CI for steam sterilization monitors the specific temperature and time of a selected sterilization cycle as well as the presence

Steam Emulating Indicator

- Conform ISO-11140-1 (Type 6)
- Non-toxic and lead free
- For 134 °C - 3,5 min. and 121°C - 15 min.
- Also available with self-adhesive
- Also available as Steam Dual Emulating Indicator
- Available with BSI Kitemark



Article No.	Description	Stated values
3FSKS645818	Steam Emulating Indicator	3.5 min./134°C; 15 min./121°C
3FSKS645834	Steam Emulating Indicator (BSI KITEMARK)	3.5 min./134°C
3FSKS645822	Steam Emulating Indicator	5.3 min./134°C; 15 min./121°C
3FSKS645836	Steam Emulating Indicator (BSI KITEMARK)	5.3 min./134°C
3FSKS645826	Steam Emulating Indicator	7 min./134°C; 20 min./121°C
3FSKS645830	Steam Prion Indicator	18 min./134°C
3FSKS645814	Steam Dual Emulating Indicator	3.5 min./134°C; 15 min./121°C
3FSKS645820	Steam Emulating Indicator Self Adhesive	3.5 min./134°C; 15 min./121°C
3FSKS645824	Steam Emulating Indicator Self Adhesive	5.3 min./134°C; 15 min./121°C
3FSKS645832	Steam Prion Indicator Self Adhesive	18 min./134°C



Control products for pouches and reels

A good sterile barrier system ensures safe packaging during sterilization, storage and aseptic opening of the sterile goods.

The sealing of medical devices and instruments to be sterilized that fit into a good SBS system is only possible with seal equipment (rotary sealers) that works 100% well and is reliable. With the control products from Interster you use the latest generation of tests to ensure that your seal device functions properly.



Interster Seal Check

The Interster Seal Check is a standardized method in accordance with ISO 11607-2.

Sterilization pouches are made of a medical grade paper and film. This film consists of two or more layers with different melting grades. Upon sealing the sterilization pouch, the film layer that is closest to the paper will melt first and will give an adhesion within the paper, which results in a clear and even seal.

A sealing device is adjusted to all parameters (correct temperature and pressure) that only the interior film layer will melt. Also, the pressure with which the melted film is applied to the paper during the sealing process is essential. If a pouch is not sealed correctly, there will be no sterile barrier and no sterility.

Interster Seal Check

- Conform ISO 11607-2
- Manufactured from 60 g/m² medical paper
- 175 mm width to control total wheel rotation
- Documentation possible
- Designed to detect defects



Article No.	Description	Size
3FSZB830802	Seal Check	Width 175 mm



Liquid Control Dye Penetration Test I & II

Liquid Control Dye Penetration Tests are a new generation of D.P.T. tests for routine testing of your different sealing devices. Liquid Control Dye Penetration Tests are specially developed to check the integrity of the seals, produced with different heat sealers (for medical paper and Tyvek® packaging).

Test I is suitable for see-through packaging which consist of a film/medical paper combination and Test II is suitable for see-through packaging which consist of a film/non-woven polyolefin's (Tyvek®) combination.

With these ink tests you can easily, safe and quick, perform an integrity test according to the ISO 11607 -1 as written in appendix B. With the Liquid Control Dye Penetration Tests you can safely do your own quality dye test without damaging the seal.

Liquid Control Dye Penetration Test I & II

- Conform ISO11607-1 Annex B, ISO11607-2 & ASTM F1929
- For medical paper and Tyvek®
- Prepare and seal the package in advance without the risk of leakage in your work area



Article No.	Description	Material
3FSZB830816	Liquid Control Test I	film/medical paper
3FSZB830818	Liquid Control Test II	film/non-woven polyolefin's (Tyvek®)



Moisture and protection

The Interster range within moisture and protection are products for protection, to dry, and transport for improving the level of hygiene at the CSSD.

The products within this range have been developed to guarantee the highest possible durability and quality and are made of the best materials to protect sharp and fragile instruments, the sterilization packaging material and to protect the user.



Drying towel

The Interster drying towel is a concept of Interster International to improve the level of hygiene at the CSSD. The Interster drying towel is a disposable non-woven towel which can be used to eliminate excess moist from medical devices and serves as replacement to the reusable towels. The Interster drying towel is for single use.

Material

The Interster drying towel is white and is made of a non-woven Spunlace material. The material has a tricot structure and consists of 100% micro particles, thanks to which it has a low particle release.

Interster drying towel

- Non-woven Spunlace material
- Very high water absorption: 850%
- Four layer, 60 g/m²
- High tensile strength, does not tear
- Absorbs 99,99% of micro organisms
- Does not transfer micro organisms like tea-and hand



Article No.	Description	Size
3FSZB790851	Interster drying towel	30,5 x 34 cm
3FSZB790850	Interster drying towel	51 x 36 cm
3FSIN863716	Interster drying towel holder	27 x 12 x 21 cm



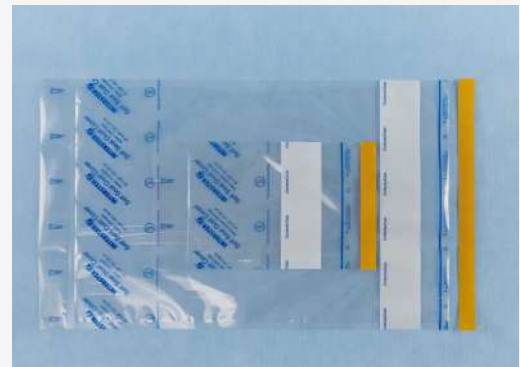
Dust cover

Dustcovers are well known products in the world of sterilization. The high quality dustcovers are made out of polyethylene and are available in seven sizes. Each dustcover is selfsealing, easy to open and has no particle release.

When products are placed in a dustcover, they have an extra protection layer during transportation and extends the shelf life of sterile medical devices.

Dust cover

- Conform EN-ISO 11607-1.
- High quality
- Different sizes
- Self sealing



Article No.	Description	Size
3FSSV510802	Dustcover	150 x 250 mm
3FSSV510804	Dustcover	200 x 300 mm
3FSSV510806	Dustcover	250 x 375 mm
3FSSV510808	Dustcover	300 x 500 mm
3FSSV510810	Dustcover	400 x 550 mm
3FSSV510812	Dustcover	400 x 750 mm
3FSSV510814	Dustcover	600 x 750 mm



Instru Protector

To protect sharp and fragile instruments, the sterilization packaging material and to protect the user. Since the Instru Protectors are integrated with a medical device, a batch number is printed on each protector for full traceability. The Instru Protector Small is suitable for small critical surgical instruments e.g. needles and scissors.

The Instru Protector Medium ensures an optimal protection for instruments e.g. scissors, chisels, etc.

Instru Protector Medium

- Manufactured from 190 g/m² medical paper
- Including a transparent pocket for a clear view
- Printed in offset , not toxic and acid free ink



Article No.	Description	Size
3FSZB730802	Instru Protector	Small
3FSZB730804	Instru Protector	Medium



Tray-Liners

Cellulose lining for instrument trays to prevent damaging of contents as well as to protect the sterilization packaging material. The moist will be absorbed in the tray-liner so that it evaporates easily in the drying phase. In this way a wet load will be avoided. Tray-liner extra protection ensures an optimal protection on the sides of the instrument tray.

Tray-Liners

- 110 g/m²
- Manufactured from cellulose fibers
- Extra protection on the sides of the instr. Tray
- Available in many different sizes
- Sterilization methods; steam, ETO, low temp. steam



Article No.	Description	Size	
3FTSZ420850	Tray-Liner Plus	25x32cm	110 g/m ²
3FTSZ420852	Tray-Liner Plus	50x35cm	110 g/m ²
3FTSZ420854	Tray-Liner Plus	50x28cm	110 g/m ²
3FTSZ420856	Tray-Liner Plus	55x35cm	110 g/m ²
3FTSZ420860	Tray-Liner Plus	30x41cm	110 g/m ²
3FTSZ420864	Tray-Liner Plus	60x40cm	110 g/m ²
3FTSZ420866	Tray-Liner Plus	50x40cm	110 g/m ²
3FTSZ420880	Tray liner Extra Protection	25x25x5cm	110 g/m ²
3FTSZ420882	Tray liner Extra Protection	48x25x5cm	110 g/m ²
3FTSZ420884	Tray liner Extra Protection	50x30,5x5cm	110 g/m ²



Inner-layers blue

The inner-layers blue are developed to prevent wet loads after sterilization. The inner-layers absorb excessive fluids and keep the load dry. The inner-layer is mainly designed to be placed inside the instrument tray.

Inner-layers blue

- Manufactured from 71,5 g/m² non-woven material
- Highly absorbent
- Available in 6 different sizes



Article No.	Description	Size
3FCZB440802	Inner layer , blue 71,5 g/m ²	25x32cm
3FCZB440804	Inner layer , blue 71,5 g/m ²	30x36cm
3FCZB440806	Inner layer , blue 71,5 g/m ²	40x50cm
3FCZB440808	Inner layer , blue 71,5 g/m ²	50x28cm
3FCZB440810	Inner layer , blue 71,5 g/m ²	25x28cm
3FCZB440816	Inner layer , blue 71,5 g/m ²	13x28cm



Decontamination bag

In the most ideal situation, used instruments are cleaned immediately after an operation. But in practice this is not always possible. After nightly operations or during the weekend, used nets often remain until the next day. Blood and tissue dries and adheres to the instruments so that more intensive cleaning is necessary. This can be a big problem, especially with micro instruments. Interster recognizes this problem and introduces 'Humipak' decontamination packaging. The Humipak is a patented method to prevent proteins from drying on the instruments while they are waiting to be cleaned. Each 'Humipak' consists of a layer of blue, low linting and highly absorbent non-woven material sealed between two laminate layers.

Decontamination bag

- Conform ISO 11607-1
- 52g/m² blue PET/PP laminate film
- Blue non-woven tray liner
- Absorbent capacity of 750%
- Adhesive strip for closing



Article No.	Description	Size	
3FKFB240820	Decontamination bag	200 x 350 mm	11 ml water
3FKFB240822	Decontamination bag	420 x 430 mm	35 ml water (half DIN)
3FKFB240824	Decontamination bag	420 x 670 mm	70 ml water (full DIN)
3FKFB240828	Decontamination bag	650 x 770 mm	110 ml water (double DIN)



CSSD accessories

The accessories are a range of products which complement the CSSD. We, from Interster offer besides our specialized products, targeted accessories for the CSSD as well.

These products are manufactured from the best materials and are durable in use. All this to provide the user with accessories for daily use of proper registration of the processes within the CSSD.



Sterilization masking & indicator tape

Sterilization masking tape

- Conform R3290-1
- Made from strong impregnated c. paper
- Adheres well to all SBS material
- Sterilization method: steam, ETO and low temp. Steam form.



Article No.	Description	Size	Type
3FKLB410902	Masking tape white	19 mm	For crêpe
3FKLB410904	Masking tape white	25 mm	For crêpe
3FKLB410906	Masking tape white	50 mm	For crêpe
3FKLB410908	Masking tape blue	19 mm	For WLNW + SMS
3FKLB410910	Masking tape blue	25 mm	For WLNW + SMS

Sterilization indicator tape

- ISO 11140-1 type 1 and R3290-1
- Made from strong impregnated c. paper
- Available for steam, EO and plasma
- Environmental friendly indicator



Article No.	Description	Size	Type
3FKLB410802	Sterilization indicator tape white	19 mm	For crêpe
3FKLB410804	Sterilization indicator tape white	25 mm	For crêpe
3FKLB410806	Sterilization indicator tape blue	19 mm	For WLNW + SMS
3FKLB410808	Sterilization indicator tape blue	25 mm	For WLNW + SMS



Markers & Tray identification labels

For marking sterilization packaging material, with special autoclave low odour ink, without additor or oxylene/toluene. The ink is steam, gamma, formaldehyde, plasma and EO resistant. The pen is designed for light touch writing to avoid damage to the packaging material. The solid writing point of the marker ensures a constant writing quality and long durability. The ink is dry immediately and does not fade.

Markers

- Sterilization process resistant
- Great for marking packaging labels without damaging the material
- Low odor ink
- Non-toxic



Article No.	Description	Colour
3FSZB710824	Sterilization Marker	Black
3FSZB710826	Sterilization Marker	Blue
3FSZB710828	Sterilization Marker	Red

Tray identification labels

- For easy and fast marking
- Sorting and Coding of instrument containers:
- The sterilization resistant Interster label is available with Logo and text



Article No.	Description	Colour
3FTSZ430802	Tray Identification label	White /no text



Registration card & Documentation system

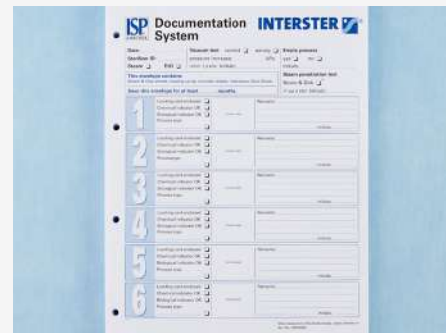
Registration card

- Full traceability and registration of sterilization package
- Room for "Sterile until" label
- Space for Helix Test System indicator strip
- Complies with EN-ISO 11140-1 (Type 1)
- To store in a Documentation Envelope



Documentation System

- Store daily process documentation for Bowie & Dick Test sheet, Registration Cards, Recorder prints, Chemical indicators
- Information of tests can be easily recorded



Article No.	Description	Type/Size
3FSKS645802	Registration card	Type 1 indicator
3FSKS680802	Documentation System EN	A4 size envelope