

# ***X-RAY PROTECTION***

For users and patients



## ***PRODUCT CATALOG***

# Table of Contents

<b>Introduction</b>	<b>03</b>
<b>Guide to configuring your X-ray aprons</b>	<b>06</b>
<b>Digital X-Ray apron management</b>	<b>07</b>
<b>Protective material “Made in Germany”</b>	<b>08</b>
<b>Vest &amp; Skirt</b>	<b>10</b>
<b>Front X-ray aprons</b>	<b>19</b>
<b>X-ray protective coats</b>	<b>24</b>
<b>Comfort options</b>	<b>29</b>
<b>X-ray protection accessories</b>	<b>32</b>
<b>X-ray goggles</b>	<b>38</b>
<b>Patient protection</b>	<b>42</b>
<b>Storage systems</b>	<b>53</b>
<b>Further patient protection</b>	<b>57</b>



**Highest quality and  
first-class workmanship  
“Made in Germany”**



**Maximum safety and protection**



**Individual fitting for the  
highest wearing comfort**



**Focus on customer  
satisfaction**



**Simple and uncomplicated  
expert advice**



**Fast order processing,  
3 weeks delivery time**

# ABOUT US

For over 50 years, Dr. Goos Suprema GmbH has been synonymous with high quality X-ray protective clothing "Made in Germany".

As an experienced manufacturer, we combine highest safety standards with German craftsmanship and state-of-the-art material technology.

Our products meet the strict European standards (DIN EN 61331-3 and DIN EN 61331-1) and guarantee maximum protection for the user.

We manufacture our X-ray aprons by hand at our site in Heidelberg, using innovative and lightweight materials that not only offer optimum protection, but also allow maximum comfort and freedom of movement.

Dr. Goos Suprema GmbH offers a wide range of sizes, colors and models and attaches particular importance to quality and ergonomics in order to meet the everyday requirements of the medical environment.



Our X-ray protective clothing is manufactured in Heidelberg to the highest German quality standards. With over 50 years of experience, we offer you precise and reliable workmanship. Place your trust in our German craftsmanship and experience outstanding protection and comfort.





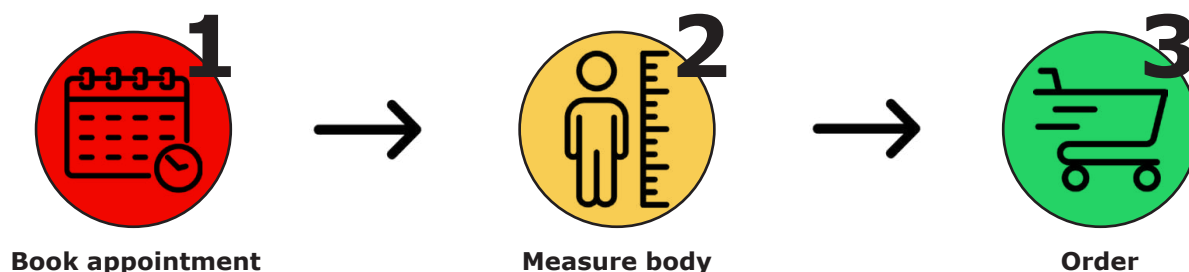
# Customised X-ray aprons

We will be happy to visit you on site to take your exact 14 body measurements and ensure that your X-ray protective clothing fits perfectly. In this way we guarantee maximum radiation protection with minimum weight.

With our special "Measure-to-Fit" service, we guarantee you maximum wearing comfort:

- 1) We use lightweight protective materials and also offer a lead-free option that meets the strict requirements of IEC 61331-1 2014 BBG\*.
- 2) By precisely measuring 14 body points, we customize the X-ray apron to your body shape. The result is a garment that provides optimum protection and fits perfectly in accordance with the IEC 61331-3 2014 standard.
- 3) Our X-ray aprons are available with various equipment options that distribute the weight evenly to reduce the strain on the shoulders. For example, our skirts offer an optional comfort belt that provides a secure fit without slipping.

## Measure-to-Fit procedure



### Determination of clothing size - Unisex

	XS	S	M	L	XL	XXL
Chest (<=)	90 cm	100 cm	110 cm	120 cm	130 cm	>130 cm
Waist (<=)	—	76 cm	90 cm	104 cm	116 cm	>130 cm
Hip (<=)	—	102 cm	116 cm	130 cm	144 cm	>154 cm

### Determination of linear dimensions

	Short	Regular	Long	XLong	XXLong
Front apron / jacket (<=)	90 cm	100 cm	110 cm	120 cm	130 cm
Skirt (<=)	55 cm	60 cm	65 cm	70 cm	75 cm
Vest (<=)	55 cm	60 cm	65 cm	—	—



# Guide to configuring your X-ray aprons

With the help of our guide, you can configure your X-ray apron in no time at all:

## Step 1

Selection of the X-ray apron model



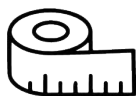
One Piece  
(P.19)



Two-Pieces  
(P.10)

## Step 2

Determine the size



Our sales representatives will  
measure you in person.

## Step 3

Selection of equipment options



Comfort options  
(P.29)



Accessories  
(P.32)

## Colors

Discover our wide range of color options



If you have any questions,  
please contact us



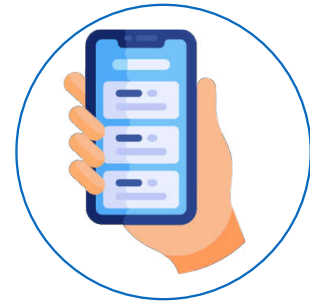
# Digital X-ray apron management

The X-ray aprons from Dr. Goos Suprema have numerous unique selling points. These include our RFID technology and our particularly lightweight lead-free protective protective material, which is manufactured according to the strictest German quality standards.

Our lead and lightweight protective material is tested up to 150 kV and can be used in all areas of the hospital without hesitation. used in all areas of the hospital.



**Cloud Based**



**Hand Ready**

## RFID technology for X-ray protective clothing, efficient inventory and maintenance

The X-ray aprons from Dr. Goos Suprema GmbH are equipped with an RFID chip ex works. In addition, the data of the new X-ray aprons is automatically recorded in our cloud database. This enables you to manage your X-ray aprons digitally. Please contact us so that we can introduce you to the digital management of X-ray protective clothing.

Our RFID solution enables quick and precise inspection of existing aprons. With the help of the built-in RFID chips and a hand scanner with a range of up to 10 meters, X-ray aprons due for inspection can be specifically located and checked. Existing X-ray aprons can easily be retrofitted with our RFID chips. The inventory data can be stored in the cloud database and maintenance can be documented.



## Repair Service

Our repair service for X-ray aprons offers a sustainable solution: send your defective or damaged aprons to us to have them professionally repaired. You will receive your repaired X-ray apron back in just 3 weeks - a unique contribution to the longevity and environmental friendliness of your products.

# Protective mater

## Protective material "Made in Germany"

Our protective material undergoes several quality controls before it is delivered to the end consumer. Every meter of protective material is checked for weight per unit area



### Protective material

Surface weight (kg/m <sup>2</sup> )	
Lead equivalent (mm Pb)	
X-ray tube machining	50 kV
	70 kV
	90 kV
	110 kV
	150 kV

## SupraNorm

**Standard lead rubber material**  
approved from 50 - 150 kV.

The standard lead rubber material SupraNorm consists of pure lead on a natural rubber base. It is slightly heavier than the lightweight lead rubber material, but offers constant radiation protection in accordance with DIN EN 61331-1.

## SupraLight Plus

**Lightweight lead rubber material**  
approved from 50 - 150 kV.

This innovative, lightweight lead rubber material offers the same radiation safety as conventional options, but reduces the weight of the weight of the X-ray protective clothing by up to 15 %. The SupraLight plus version is the ideal choice for workplaces with long wearing times in particular.

With the SupraLight X-ray protective aprons, you can work more flexible and lighter without compromising safety.

## SupraSine

**Lead-free material**  
approved from 50 - 110 kV.

The SupraSine lead-free protective material is our lightest variant of the protective material. It offers excellent protection against scattered radiation. If you are looking for the lightest possible X-ray apron, the SupraSine protective material is the perfect choice for you.

SupraNorm Lead			SupraLight Plus Light lead			SupraSine Lead free		
<b>3.30</b>	<b>4.50</b>	<b>6.60</b>	<b>3.10</b>	<b>4.40</b>	<b>6.30</b>	<b>2.80</b>	<b>4.00</b>	<b>5.70</b>
0.25	0.35	0.50	0.25	0.35	0.50	0.25	0.35	0.50
99%	>99%	>99%	>99%	>99%	>99%	>99%	>99%	>99%
95%	98%	99%	96%	98%	99%	95%	97%	>99%
90%	94%	96%	92%	95%	97%	91%	94%	97%
86%	91%	95%	89%	93%	96%	86%	90%	95%
84%	86%	92%	83%	90%	93%	79%	84%	91%

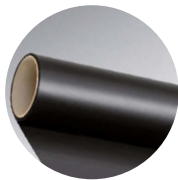
## SUSTAINABILITY

Our protective materials are manufactured using natural rubber and offer you the most sustainable X-ray apron currently available. In addition, the material is very flexible due to the low material hardness of natural rubber.





# Vest & Skirt



Various  
protective materials



Color options



Various accessory  
options



Inventory in  
cloud database

## **Radiation aprons - Vest & Skirt**

### **Skirt and Vest - Two-piece set Model SL RW 28 Duplex**

The two-piece models SL RWS 28 Simplex and SL RW 28 Duplex offer you optimum flexibility and comfort in X-ray protective clothing.

- ✓ Even weight distribution through skirt and vest combination
- ✓ Easy to use:  
first put on the skirt, then the vest
- ✓ Flexible adjustment to the waist size thanks to the color-contrasted panel
- ✓ Innovative radiation protection clothing to simplify everyday work



### **Skirt and Vest - Two-piece set Model SL RWS 28 Simplex**

#### **Additional options**

- iPron
- Thyroid protection
- Chest pocket
- Embroidery



## Vest & Skirt

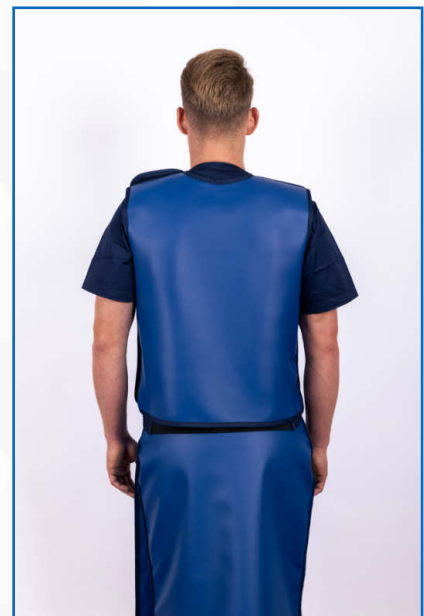
### Vest-Duplex Model SL W 28

The Vest Duplex Model SL W 28 provides enhanced X-ray protection with a double lead equivalent value due to its front overlap.

- ✓ Offers additional X-ray protection with double lead equivalent value
- ✓ Features a practical shoulder fastener
- ✓ Easy to put on: Connect the Velcro parts on the inside right first, then close at the side and on the shoulder
- ✓ Ideal for reliable X-ray protection and comfortable handling

### Additional options

- iPron
- Thyroid protection
- Measure-To-Fit Service
- Clothing sizes
- Chest pocket
- Embroidery



### **Vest-Simplex Model SL WS 28**

The Vest Simplex Model SL WS 28 provides excellent X-ray protection and comfort. It is similar to our all-round coat and can be easily fastened at the front with two wide Velcro straps.

- ✓ Ideal for quick and safe use
- ✓ Similar to our all-round coat
- ✓ Easy to fasten with two wide Velcro straps
- ✓ Ideal für schnelle und sichere Anwendung

### **Additional options**

- iPron
- Thyroid protection
- Measure-To-Fit Service
- Clothing sizes
- Chest pocket
- Embroidery



# Lead vest - Triplex





## Product description

The Triplex waistcoat offers comprehensive X-ray protection with optimum front and back protection. Its design ensures even weight distribution and increased wearing comfort thanks to integrated back support.

- ✓ Excellent front and back protection
- ✓ Even weight distribution
- ✓ Integrated back support
- ✓ Ideal for long periods of use

## Additional options

- iPron
- Thyroid protection
- Measure-To-Fit Service
- Clothing sizes
- Chest pocket
- Embroidery



# Lead vest - Amazone





## Product description

The Amazone waistcoat is an X-ray apron specially developed especially for women, which offers optimum X-ray protection with maximum wearing comfort. The cut is perfectly tailored to the female silhouette and comprehensively covers the lymph nodes, armpits and upper neck area.

- ✓ Specially developed for women
- ✓ Comprehensive protection for lymph nodes, armpits and upper neck area
- ✓ Fits the female silhouette perfectly
- ✓ Lightweight design - one of the lightest X-ray protection models on the market
- ✓ Easy handling thanks to practical zip fastener

## Additional options

- iPron
- Thyroid protection
- Measure-To-Fit Service
- Clothing sizes
- Chest pocket
- Embroidery

## Clothing size

	S	M	L	XL
Chest width	91	101	111	121
Hip width	97	107	117	127

## Vest & Skirt

### Skirt Model SL R 28

The Rock Model SL R 28 offers outstanding comfort and reliable X-ray protection. With its flexible design and additional safety features, it ensures an optimum fit and maximum protection.

- ✓ Secure fastening with Velcro fastener and additional stretch belt at the waist
- ✓ Integrated loops for easy storage storage
- ✓ Flexible adjustment to the waist size thanks to colour-contrasting insert
- ✓ Optimum fit and maximum X-ray protection
- ✓ Maximum comfort and safety in X-ray protective clothing

#### Additional options

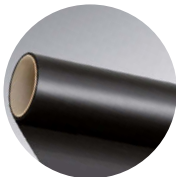
- Measure-To-Fit Service
- Clothing sizes
- Integrated support belt
- Embroidery







# Front X-ray aprons



Various  
protective materials



Color options



Various accessory  
options



Inventory in  
cloud database

## Front X-ray aprons

### Front lead apron Model SL F 26

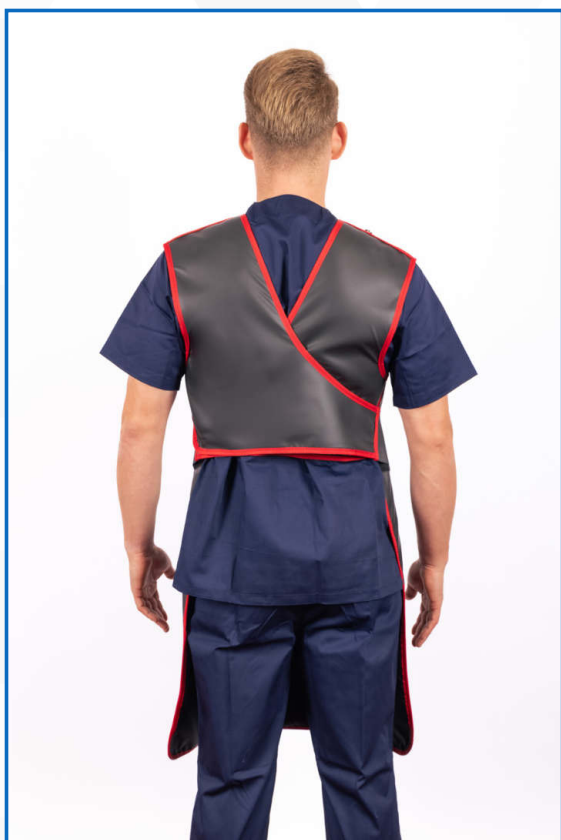
The SL F 26 lead apron is a tried-and-tested model with a sophisticated shape and comfortable cut, making it ideal for everyday work. A practical Velcro fastener on the front and flexible stretch straps ensure an optimum fit.



- ✓ Easy to put on
- ✓ Adapts to the body for a comfortable fit
- ✓ Combines functionality with a simple design

### Additional options

- iPron
- Thyroid protection
- Measure-To-Fit Service
- Clothing sizes
- Chest pocket
- Embroidery



### Surgical multifunctional lead apron Model SL CMF 06

The CMF lead apron combines the benefits of a front apron and a surgical apron, making it ideal for use in the OR, radiology, plaster room, and more. It offers protection and user-friendliness in demanding environments.

- ✓ Functions as a lead apron with a hook and loop closure and stretch band for comfort
- ✓ Can be worn under a surgical gown and easily removed with side and top hook and loop closures
- ✓ Adjustable Velcro fasteners on the shoulders for individualized neck width adjustment

#### Additional options

- iPron
- Thyroid protection
- Measure-To-Fit Service
- Clothing sizes
- Chest pocket
- Embroidery



## Front X-ray aprons

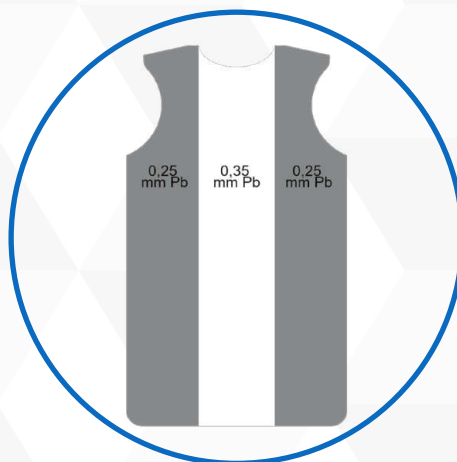
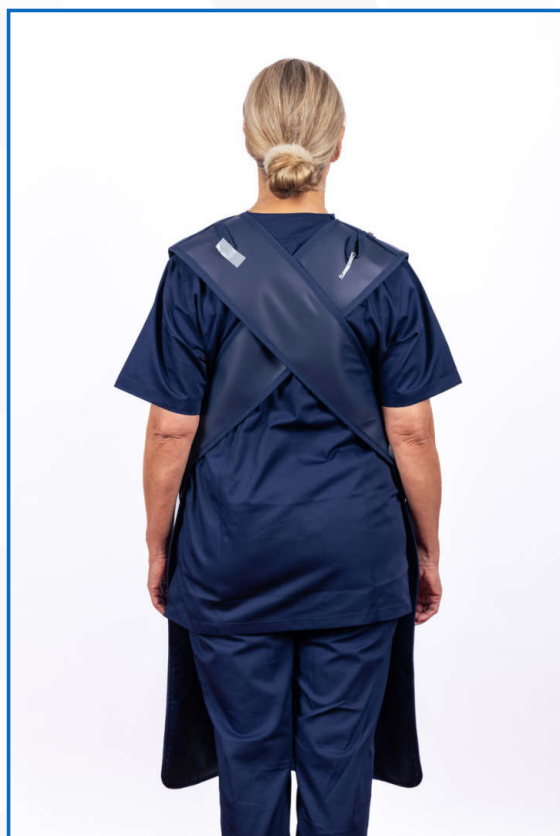
### Image intensifier lead apron Model SL BV 03

The SL BV 03 X-ray apron has been specially developed for use on the image intensifier and is ideal for surgeons, orthopaedic surgeons, urologists and the plaster room. Thanks to the innovative lead rubber design, it is one of the lightest X-ray aprons without compromising on protection.

- ✓ Lightest front skirt option
- ✓ High level of protection with maximum comfort
- ✓ Pleasant adaptation to the body  
body and comfortable fit

### Additional options

- iPron
- Thyroid protection
- Measure-To-Fit Service
- Clothing sizes
- Chest pocket
- Embroidery





### Surgical operating apron Model SL C 05

The Model SL C 05 lead apron is designed for use under the surgical gown, offering optimum X-ray protection and easy removal with practical Velcro fasteners.

- ✓ Easily pulled out from under the sterile surgical gown
- ✓ Available in various lead equivalents
- ✓ Offers individuality and comfort for medical applications
- ✓ Provides reliable protection and maximum flexibility in the operating theater

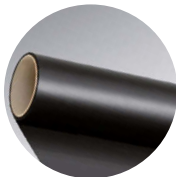
### Additional options

- iPron
- Thyroid protection
- Measure-To-Fit Service
- Clothing sizes
- Chest pocket
- Embroidery





# X-ray protective coats



Various  
protective materials



Color options



Various accessory  
options



Inventory in  
cloud database

### All-round double lead apron Model SL RD 27

The all-round double lead apron model SL RD 27 combines sophisticated design and comfort, making it ideal for special applications such as cardiology and endoscopy. It offers excellent X-ray protection and is available in two lead equivalent variants to suit your specific needs.

- ✓ Easy to put on like a coat: connect the two Velcro parts on the inside right, then close at the side and shoulder.
- ✓ Integrated stretch belt at the hip for weight reduction and increased comfort.
- ✓ Reliable X-ray protection for demanding medical tasks.

#### Additional options

- iPron
- Thyroid protection
- Measure-To-Fit Service
- Clothing sizes
- Chest pocket
- Embroidery





X-Ray protective coats

## Coat - Triplex





## Product description

The Triplex coat provides comprehensive X-ray protection in a one-piece design with full-length front and back coverage. It ensures optimum weight distribution and additional back support for maximum comfort and ergonomics.

- ✓ Ideal for demanding applications
- ✓ Offers effective protection
- ✓ Comfortable fit

## Additional options

- iPron
- Thyroid protection
- Measure-To-Fit Service
- Clothing sizes
- Chest pocket
- Embroidery

# X-Ray protective coats

## All-round coat Model SL RM 25

The SL RM 25 X-ray protective sheath provides all-round protection for specialized examinations, such as in cardiology, ensuring maximum safety and comfort.

- ✓ High-quality lead equivalent (0.35 or 0.50 mm Pb) on each front side
- ✓ Double lead equivalent value achieved with closure overlap
- ✓ Equipped with shoulder pads and a stretch belt for even weight distribution
- ✓ Designed to provide noticeable relief during extended use

### Additional options

- iPron
- Thyroid protection
- Measure-To-Fit Service
- Clothing sizes
- Chest pocket
- Embroidery



# Comfort options





### Internal support belt

The internal support belt significantly improves the wearing comfort of X-ray protective skirts and provides additional relief in the lumbar region.

It also guarantees a non-slip fit of the X-ray protective clothing for optimum protection and stability.

- ✓ Significant increase in comfort with X-ray protective skirts
- ✓ Targeted support in the lumbar region
- ✓ Noticeable relief for the user
- ✓ Non-slip fit for additional protection and stability

### Stretch belt for all lead apron models

Available separately for front skirts, all-round skirt, and all-round double skirt.

Width: approx. 15 cm

Color: navy blue





## Back support belt

The back support belt offers outstanding comfort and support for the spine. It is worn over the X-ray apron and its innovative design ensures an ergonomic working position and reduced physical strain.

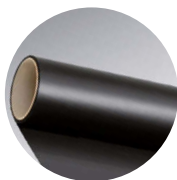
- ✓ Tensioning strap and Velcro tape for fastening
- ✓ Reduces the weight of the X-ray apron
- ✓ Relieves the spine during longer applications



## Stretch belt for skirt

Available separately:  
Width: approx. 15 cm  
Color: navy blue

# X-ray protection accessories



Various  
protective materials



Color options



Various accessory  
options



Inventory in  
cloud database



## Thyroid shield model series SD

The thyroid shield of the SD series offers effective protection in areas where the user is exposed to X-rays for long periods of time, e.g. cardiac catheterization, angiography, etc. This X-ray thyroid shield ensures safe coverage of the thyroid gland.

### Thyroid shield SD Small

For optimum protection of the thyroid gland and sternum, in addition to the lead apron. Neck circumference: 38-45 cm (cap shape). Shown with snap fastener on the apron.

### Thyroid shield SD Standard

For optimum protection of the thyroid gland and sternum, in addition to the lead apron. Neck circumference: 40-52 cm (cap shape). Moon wider.

### Thyroid shield SD one-piece



With magnetic closure



With Velcro fastener



### Disposable hygiene case for thyroid shielding

Our hygiene cases offer reliable protection and hygienic cleanliness for all thyroid protection models.

### Disposable hygiene case for thyroid shielding

Disposable product made of white fleece, set consisting of 20 pieces. Hygienic case suitable for all thyroid shielding models!

### Washable cotton hygiene lining for thyroid shielding

Pre-washed, blue cotton (standard). Hygienic lining suitable for all thyroid shielding models!



### X-ray protective cap

### X-ray protective cap with breathable opening

The X-ray protection cap provides reliable protection and high wearing comfort, thanks to its breathable opening.

- ✓ Ideal for longer applications
- ✓ Effective air circulation
- ✓ Breathable opening



## X-ray protection gloves Model KLH

The product is manufactured in accordance with DIN 61331-3 and features a standard version with fingers.

- ✓ Cotton gloves are included in the delivery



## Surgical radiation-absorbing surgical gloves Model OP H

Our surgical gloves with integrated X-ray protection and radiation protection in medical technology offer optimum safety for surgical procedures.

- ✓ Ideal for cardiac catheter diagnostics, coronary angioplasty, and angiocardiology.
- ✓ The anatomical shape provides excellent tactile sensitivity and dexterity.
- ✓ The disposable item is sterile-packed in pairs, ensuring maximum hygiene and safety in the operating theater.
- ✓ A slightly roughened surface provides additional grip, while the high stretchability offers maximum comfort.



### Surgical X-ray protection gloves with thumb protection Model CH

The surgical X-ray protection gloves model CH provide optimal X-ray protection and flexibility, making them ideal for injections, palpation, surgical purposes, and holding small children during X-rays.

- ✓ Reinforced on the sides for better durability
- ✓ Also suitable for veterinary use
- ✓ Additional thumb protection

### Sleeves for lead aprons

The sleeves for lead aprons can be easily attached using press studs (left or right). Epaulettes are also available on request.

- ✓ If required, the sleeves can also be sewn on directly
- ✓ Epaulettes available upon request
- ✓ Flexible attachment on the left or right



## Labeling on our X-ray protective clothing

We offer customized embroidery for your X-ray protective clothing to ensure clear identification. The embroidery is available in white or blue (for light colors such as yellow and orange) and can be placed in the following locations:

- ✓ Directly on the breast pocket
- ✓ On the border or shoulder (white on a navy blue background)
- ✓ On the velcro strap (fleece part and hook, customizable)
- ✓ Optionally on other parts such as the skirt or thyroid shielding (bridge or moon)



Embroidery



Embroidery on Velcro

The embroidery can be in one or two lines, and the font height is adjusted depending on the length of the text.



### Velcro brush

The Velcro brush is perfect for cleaning and refreshing the Velcro fasteners on your lead aprons. It effectively removes lint and dirt from the loop and hook surfaces to maintain the functionality of the fasteners and extend their service life.

### Desomed-Rapid-Universal "SupraCare"

Desomed-Rapid-Universal is our versatile cleaning agent for the care and disinfection of the outer materials of your lead aprons, X-ray protective clothing and accessories. Available in 500 ml bottles or as a 1000 ml bottle with sprayer, it is ready to use and aldehyde-free. Ideal for effective and uncomplicated cleaning.





# X-Ray goggles





## X-ray safety spectacles model series RSB

The RSB series of X-ray safety spectacles offer effective protection for your eyes by significantly reducing exposure to X-rays.

With a lead equivalent of 0.50 mm, they absorb 90-99 % of the scattered radiation at 80 kV.

To protect the eyes, we therefore offer various models of radiation protection goggles, also with side protection.



### Model RSB 8/PB (90 g)\*

The Model RSB 8/Pb (90 g)\* offers modern X-ray safety with robust side protection and a practical retaining strap for a secure fit.

Lead equivalent: Front: 0,75mm Pb  
Side protection: 0,50mm Pb  
Frame color: Brown



### Model RSB 8A/Pb (85 g)\*

Model RSB 8A/Pb (85 g)\*: Modern X-ray safety spectacles with robust plastic frame and additional side protection.

Includes retaining strap for a secure fit.

Lead equivalent: Front: 0,50mm Pb  
Side protection: 0,50mm Pb  
Frame color: Red Blue Black  
(colors subject to change)



### Model RSB 10/Pb (76 g)

The RSB 10/Pb X-ray safety spectacles (76 g) provide reliable X-ray protection with their curved frame and practical retaining strap, ensuring comfort and safety.

Lead equivalent: 0,75mm Pb  
Frame color: Red Blue Black

## Model RSB 21/Pb (88 g) - white

The X-ray safety spectacles model RSB 21/Pb (88 g) offer comprehensive X-ray protection with additional side protection and a practical retaining strap for a secure fit.

Lead equivalent: Front: 0,75mm Pb

Plastic frame

Frame color: White



## Model RSB 22/Pb (88 g) - black

The X-ray safety spectacles model RSB 22/Pb (88 g) - black, with plastic frame offer comprehensive X-ray protection as over-glasses and additional side protection.

Lead equivalent: Front: 0,75mm Pb

Plastic frame

Frame color: Black



## X-ray protective visor

The X-ray protective visor effectively protects the head area with a transparent, hinged visor made of light lead acrylic glass. It is easily adjustable and adapts to any head size.

Lead equivalent: 0,75mm Pb

Material: Lead acrylic glass

Frame color: Transparent

Hinged visor

## RSB 51/Pb \*

- ✓ The slim frame is equipped with a rubberized nose piece and non-slip temples that ensure a secure fit.
- ✓ Integrated side shields provide additional X-ray protection to maximize your safety in every application.



## RSB 52/Pb \*

- ✓ The elegant frame has a non-slip, rubberized nose piece and temples that ensure a secure fit.
- ✓ The integrated side shields provide additional X-ray protection and comprehensive coverage so that you are always optimally protected.



## RSB 54/Pb \*

- ✓ The flexible frame has an adjustable, rubberized nose piece that adapts to different nose bridge sizes, ensuring a secure and comfortable fit.
- ✓ With a wide field of vision and integrated side shields, these goggles offer optimum X-ray protection for your eyes and optimal coverage from any angle.



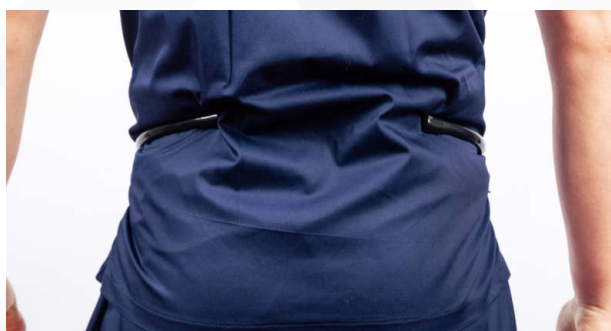
# Patient protection



## Half lead apron Model SN HSP 10

The half lead apron model SN HSP 10 is designed for patient protection in the gonadal area during X-ray examinations of the thorax and upper abdomen.

- ✓ Available in different sizes and fastening options
- ✓ With hip strap for easy donning and doffing
- ✓ With Velcro fastener, ideal for children



## Gonadal wrap-around skirt Model SN 06

The full-length gonad lead skirt model SN 06 provides comprehensive gonad protection and serves as a practical alternative to a half lead apron.

- ✓ Velcro straps at the front for easy and flexible wearing
- ✓ Integrated loops for practical storage





## Ovarian protector Model OP

The Ovarian Protector model OP provides effective patient protection for female patients during X-ray examinations in the pelvic area.

- ✓ Effective protection during X-ray examinations of the hip joint, thigh, and lumbar spine
- ✓ Shaft-like extension ensures protection for higher ovaries
- ✓ For cleaning and disinfection with SupraCare see page 37
- ✓ Shrink-wrapped in a hygienic, easy-to-clean PVC cover
- ✓ Available in five standard sizes and one special size for babies



## Ovarian protector with stretch hip belt model OP for upright positioning Modell OP

The Ovarian Protector model OP provides effective radiation protection during standing procedures. The set includes a stretch waist belt and three sizes of ovarian protectors that attach with a Velcro point.

- ✓ Comfortable Velcro closure at the back not visible on imaging
- ✓ For cleaning and disinfection with SupraCare, see page 37



## Flexible gonad protection Model T-Shield

The flexible T-Shield gonad protection for male patients provides optimal X-ray protection and comfort, easily shaped into a protective capsule with Velcro straps. The interior, made from SupraSoft material, is simple to clean and disinfect with SupraCare.

- ✓ Disposable hygiene bags available for additional hygiene
- ✓ Interior made of SupraSoft material, easy to clean and disinfect

100 pieces per pack per size

300 pieces per pack in a set

Various sizes: Small 80x120mm|Medium 120x170mm|Large 160x250mm



## Flexible gonadal protection with stretch hip belt for upright positioning Model T-Shield

The flexible gonad protection model T-Shield is specifically designed for male patients during standing X-rays. Adjustable Velcro straps allow it to be easily formed into a secure capsule.

- ✓ Inside made of high-quality SupraSoft material for easy cleaning and disinfection with SupraCare See Page 37
- ✓ Integrated loops and an elastic waist belt for a comfortable and secure fit during use



### Wrap-around coat jr. Model SL RMjr 18

The X-ray protective coat jr. model SL RMjr 18 offers children comprehensive all-round protection during X-ray examinations.

- ✓ Developed for optimum X-ray protection
- ✓ Ensures safety and comfort
- ✓ Ideally adapted to the needs of young patients.



### Front apron jr. Model SL Fjr 17

The front lead apron jr. model SL Fjr 17 offers specially developed X-ray protection for children. It features a child-friendly fit for optimal protection and maximum comfort, ensuring patient safety even for young individuals.

- ✓ Specially designed for children
- ✓ Provides optimal X-ray protection
- ✓ Child-friendly fit for maximum comfort
- ✓ Ensures patient protection for young patients

## Testes capsule

This specially developed Testes capsule offers reliable gonadal protection for small children. It ensures safety during X-ray diagnostic examinations and is comfortable to wear.

- ✓ Ideal for the safe X-ray protection of sensitive areas.



## Mammary gland protection

Special X-ray protection for the mammary glands during X-ray examinations of female patients, developed for optimum patient protection.

- ✓ Provides X-ray protection for the mammary glands
- ✓ Ensures optimal protection for female patients



## Gonad capsule

Enveloping protection for penis and scrotum with a lead equivalent of 1.00 mm Pb. Easy to put on and the coating offers excellent hygiene

- ✓ Developed for optimum patient protection
- ✓ Three different sizes (S,M,L)
- ✓ Effective X-ray protection
- ✓ High wearing comfort



## Gonad protection trousers

These versatile gonad protection trousers offer effective X-ray protection and high wearing comfort.



# Patient protection

## Panoramic apron Model series SL 02

The SL 02 model series panoramic lead apron provides comprehensive X-ray protection, perfect for dental and jaw exposures, as well as panoramic and lateral skull exposures.

- ✓ Lead equivalent of 0.50 mm Pb on each front side
- ✓ Double protection with closure overlap
- ✓ Arm handles for easy handling and secure grip





## Dental lead apron D Model series SN 02

The dental apron D model series SN 02 provides excellent patient protection during dental X-rays, especially for dental status.

- ✓ Conveniently fastened at the neck with a chain
- ✓ Easy to put on
- ✓ Optimal protection during dental X-rays
- ✓ Suitable for dental status



## Dental lead apron with back protection DR Model series SN 02

The dental apron with back protection DR, model series SN 02, provides comprehensive X-ray protection for patients during panoramic and lateral cranial exposures.

- ✓ Extended back protection ensures optimum X-ray protection during the entire examination
- ✓ Designed for both panoramic and lateral cranial X-ray procedures
- ✓ Provides comfort and security throughout the examination process
- ✓ Offers full coverage for enhanced patient safety



## Scattered beam coverage

The scattered beam cover enhances image quality by adapting flexibly to the curvature of the object and reducing peripheral overexposure.

- ✓ Optimizes your images by flexibly adapting to the curvature of the object being imaged
- ✓ Effectively reduces disturbing overexposure in the peripheral areas
- ✓ Some of the SKR's lead blades (not foam parts) are curved to better adapt to lying patients and the object being imaged

## Model SKR

Ideal for spinal and cranial exposures, this model combines effective X-ray protection with practical fastening straps.

- ✓ Ideal for spinal and Skull photographs
- ✓ Practical fastening straps
- ✓ The straps ensure safe and precise positioning during exposures



## X-ray protective wrap

The X-ray protection wrap provides comprehensive protection for patients and is suitable for CT applications.

- ✓ Completely envelops the patient
- ✓ Securely fastened with practical Velcro straps
- ✓ Ideal for effective patient protection and easy handling during X-ray and CT examinations



## Patient cover

Our lead rubber patient drapes ensure effective protection for patients during diagnostic and therapeutic applications.

- ✓ Provides easy handling and optimal coverage
- ✓ Maximizes safety and X-ray protection during treatments



### CT Eye- and Thyroid protection

Our CT eye and thyroid protection products provide exceptional protection for radiation-sensitive organs during cranial CT examinations. These protectors are designed to minimize radiation dose effectively, even without additional device-side measures.

- ✓ Effective protection for the lens of the eye and thyroid gland
- ✓ Significant reduction of the radiation dose
- ✓ Minimal image artefacts
- ✓ Easy handling and hygienic disposable use
- ✓ Lead-free and latex-free
- ✓ Easy disposal
- ✓ CE-marked

#### CT- eye shield

The CT eye shield minimizes artefacts and ensures precise imaging with its integrated spacer pad. Hypoallergenic adhesive surfaces provide secure positioning on the patient.

**Radiation reduction:**

Up to 40%

**Sales unit:**

Available in a practical box of 10 pieces



#### CT - thyroid protection

This thyroid protection offers an excellent shape fit and significantly reduces the radiation exposure of the thyroid gland. With a lead equivalent of 0.125 mm Pb, it provides a radiation reduction of up to 60 %. Ideal for use in CT diagnostics, it is supplied in practical boxes of 10 pieces.



# Storage Systems





## Storage systems

### Mobile suspension devices with crossbar Model W6RWF / W10RWF

The mobile hanging racks model W6RWF / W10RWF with crossbar provide a practical solution for storing 6 or 10 skirts. They offer additional flexibility and organization for your X-ray protective clothing.

- ✓ Based on the proven design of the W6MF / W10MF models
- ✓ Includes a crossbar for enhanced flexibility
- ✓ Ideal for clear and space-saving storage in your work area



### Mobile suspension devices Model W6MF / W10MF

The mobile suspension units model W6MF and W10MF provide a practical and space-saving solution for storing 6 or 10 lead aprons. They are ideal for keeping your lead aprons organized and easily accessible.

- ✓ Equipped with 75 mm conductive castors for effortless mobility
- ✓ Sturdy, powder-coated square tube frame
- ✓ Wall hangers feature a robust base plate and V2A brackets
- ✓ Ensures durability and stability



### Wall hanger for storing 1 to 10 lead aprons model W1M to W10M

The Wall hanger models W1M to W10M provide space-saving storage solutions for lead aprons. The robust swivel hangers made of V2A steel ensure secure and organized storage.

- ✓ Space-saving storage for 1 to 10 lead aprons
- ✓ Load capacity of 8-10 kg per hanger



### Wall hanger for lead aprons Model WM

The wall hanger for lead aprons model WM simplifies the process of putting on and taking off front aprons.

- ✓ The lead apron easily slides off the shoulder onto the hanger and is just as easy to remove
- ✓ Versatile and suitable for other types of lead aprons
- ✓ Ideal for efficient and space-saving storage



### Wooden hanger

Wooden hanger made of natural lacquered beech with sturdy hook.



- ✓ Included as standard with most lead aprons
- ✓ available separately

### Clamp hook with protective cap

1 pair of clamp hooks for securely hanging skirts, for attaching to the bracket of the swivel wall hanger.



## Storage systems

### Wall hanger for 4 half lead aprons with hip clamp Model WHSP

The wall hanger model WHSP offers a practical solution for storing up to four half lead aprons.



- ✓ robust metal plate with retaining bracket
- ✓ ensures tidy and space-saving storage
- ✓ easy to hang

### Wall hanger for lead aprons and gloves Model WMH

Ideal for hanging X-ray aprons and a pair of gloves, this product offers a practical storage solution.

- ✓ Perfect for hanging X-ray aprons.
- ✓ For one pair of gloves.



## Rice flour bags

Ideal for stabilizing and positioning patients. With washable SupraSoft outer cover for easy care. Cleaning and disinfection with SupraCare (see page 37)



## Patient support blanket with center line

The patient support blanket with center line is a high-quality foam carpet pad for grid imaging tables, which is supplied in a washable outer cover. It is equipped with Velcro straps for secure attachment to the bucky table and non-slip strips to prevent the blanket from moving. Each set contains three strips for fastening and improving adhesion. The cover can be easily cleaned and disinfected with SupraCare (see page 37).



# Patient positioning aids

## X-ray set

This complete set is packaged in a plastic box and includes various shapes for versatile applications.

Consisting of:

- 1 round plate (81352)
- 1 ring plate (81332)
- 1 roller (80592)
- 1 rectangle (81732)
- 2 triangles (81412)
- 2 triangles (81422)
- 2 wedges (81512)



## Headrest Occiput

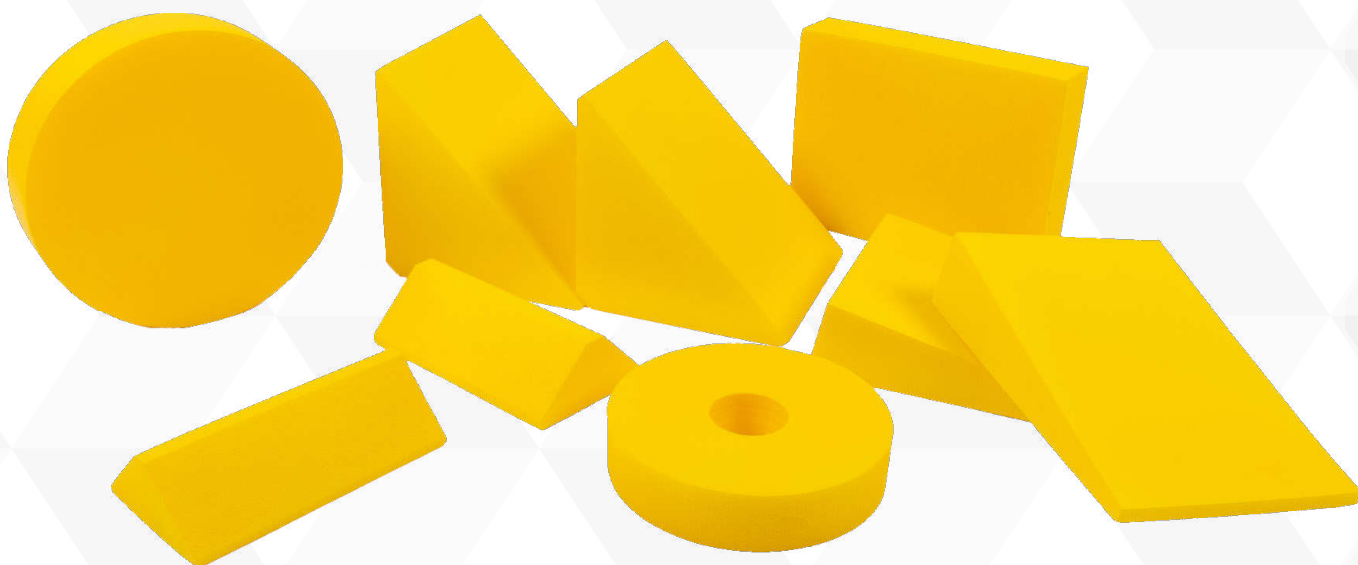
**Adult** 81002  
(25,0 x 24,5 x 9,5 cm)  
**Children** 81012  
(21,5 x 23,0 x 7,0 cm)

## Headrest face

**Adult** 81022  
(26,0 x 21,0 x 10,0 cm)  
**Children** 81032  
(22,5 x 18,0 x 7,0 cm)

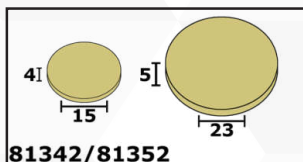
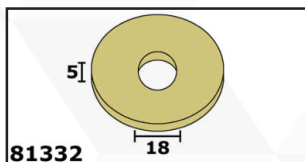
## Headrest laterally

**Adult**  
(31,5 x 31,0 x 9,0 cm)  
- left 81052  
- right 81062  
**Children**  
(28,5 x 28,5 x 7,0 cm)  
- left 81072  
- right 81082



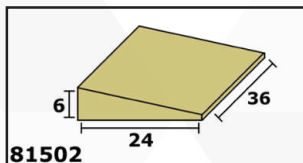
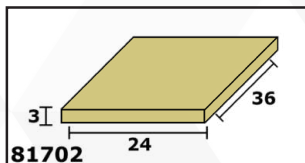


**81332**  
**Ring plate**  
Ø 18 x 5cm



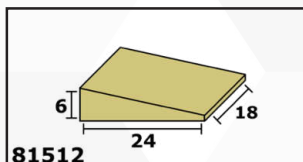
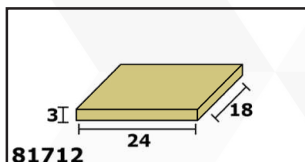
**81342**  
**Ring plate** Ø 15 x 4cm  
**81352**  
**Ring plate** Ø 23 x 5cm

**81702**  
**Rectangle**  
36 x 24 x 3cm



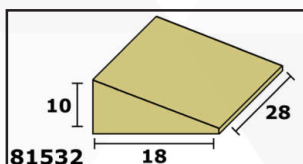
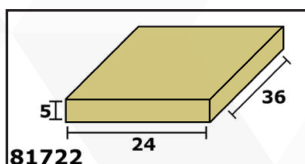
**81502**  
**Wedge, 15°**  
36 x 24 x 6/1cm

**81712**  
**Rectangle**  
18 x 24 x 3cm



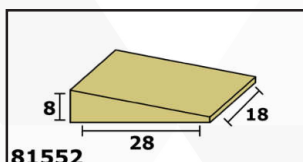
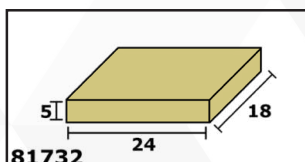
**81512**  
**Wedge, 15°**  
18 x 24 x 6/1cm

**81722**  
**Rectangle**  
36 x 24 x 5cm



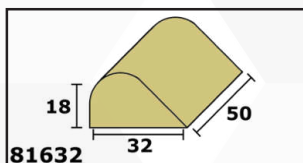
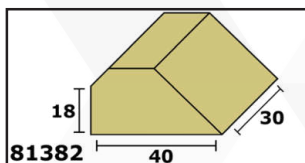
**81532**  
**Wedge, 20°**  
28 x 18 x 10/1cm

**81732**  
**Rectangle**  
18 x 24 x 5cm



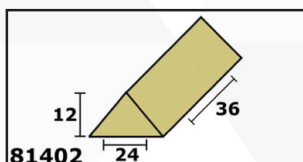
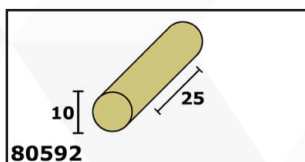
**81552**  
**Wedge, 15°**  
18 x 28 x 8/1cm

**81382**  
**Body support**  
30 x 40 x 18cm



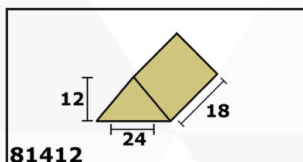
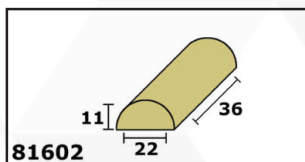
**81632**  
**Neck pad**  
50 x 32 x 18cm

**80592**  
**Role**  
Ø 10 x 25cm



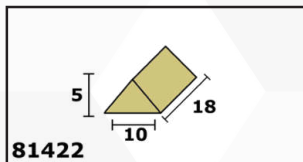
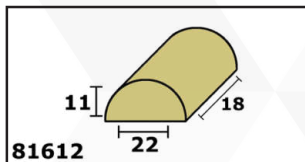
**81402**  
**Triangle, isosceles 45°**  
36 x 24 x 12cm

**81602**  
**Half role**  
Ø 22/11 x 36cm



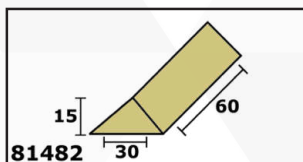
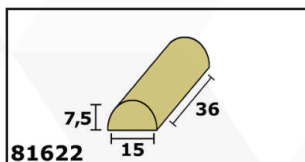
**81412**  
**Triangle, isosceles 45°**  
18 x 24 x 12cm

**81612**  
**Half role**  
Ø 22/11 x 18cm



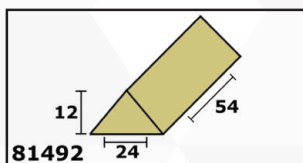
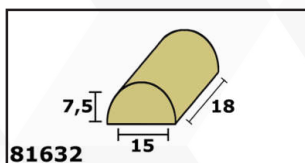
**81422**  
**Triangle, isosceles 45°**  
18 x 10 x 5cm

**81622**  
**Half role**  
Ø 15/7,5 x 36cm



**81482**  
**Triangle, isosceles 45°**  
60 x 30 x 15cm

**81632**  
**Half role**  
Ø 15/7,5 x 18cm



**81492**  
**Triangle, isosceles 45°**  
54 x 24 x 12cm

## X-ray film markings

### L (yellow) and R (red)

made of plastic 3 mm thick

Font height: 15 mm (standard), also available in 10 mm and 20 mm stencil size, standard: (H) 28 x (W) 20 mm

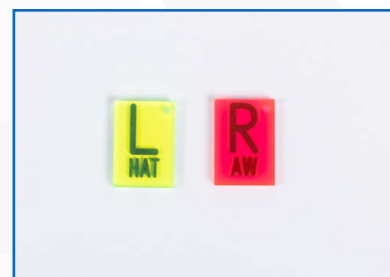


### L (yellow) and R (red) with initials

made of plastic 3 mm thick Letters or numbers max. 3 characters

Character height L and R: 15 mm

Character height initial: 5 mm



### L and R made of plastic connected with chains

Font height: 15 mm

#### L and R on the chain

Round, made of nickel-plated brass Character height: approx. 15 mm



### L and R clip

These stainless steel clips offer reliable fastening on cassettes. They are easy to clip on and guarantee a secure and stable fixation. Ideal for professional use. Font height: 10 mm (ap) Also available in mirror writing (pa)



### Magnetic carrier with 2 sets

#### L and R

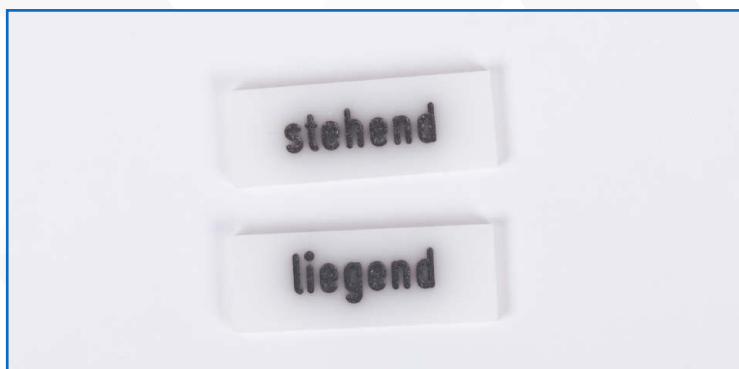
Magnetic holder with 2 sets L and R: Ideal for bucky tables, grid drawers and grid wall stands.

Suitable for anteroposterior (AP) and posteroanterior (PA) exposures.

## X-ray film markings

### Text font height 5 mm

Standard texts:  
below, above, behind, in front, inside,  
outside, medial, lateral, sideways, standing,  
lying, sitting, empty, after stimulus meal, min.  
after stimulus meal, prone position, supine  
position. Stimulus, prone position, supine po-  
sition. Further texts available on request



### X-ray ruler

made of gray plastic  
Length: 10 to 150 cm  
Graduation: 2 mm  
Width: 4 cm

### Letters A - Z

1 set = 26 pieces

#### Font height options:

Font height: 7.5 mm  
(standard)  
Font height: 10 mm  
Font height: 15 mm

### Numbers 0 - 9

1 set = 13 pieces

(1, 1, 2, 2, 3, 4, 5, 6, 7, 8, 9, 0,  
1/2)

#### Font height options:

Font height: 7,5 mm (standard)  
Font height: 10 mm  
Font height: 15 mm

**The above texts, letters and numbers  
are available with magnets on request**

### On request:

**Text stencils for mammography**  
available with and without magnet

#### Holding plate

for storing text stencils, numbers and  
letters

#### PVC container

for storing text stencils, numbers and  
letters

## Cover set for X-ray cassettes

The cover set for X-ray cassettes offers an effective solution for fading in and out your X-ray images. It includes two lead rubber flaps, each with a lead equivalent of 0.80 mm, which are sewn into washable SupraTex sleeves.

### Formats:

#### **23 x 38 cm and 19 x 45 cm**

Suitable for all common film materials from:

#### **13 x 18 cm to 35 x 43 cm**

In portrait or landscape format and can be shown or hidden

### Additional:

The practical Velcro straps (5 cm wide) allow flexible use, and the set can also be used as an additional cover for patient protection.



## Cassette cover

Our cassette cover is available in the external dimensions of the cassettes (nominal dimensions + 2.5 cm) or optionally halved for partial covers.

It consists of high-quality single-layer material with a lead equivalent of 0.8 mm Pb, but without an outer shell.

### Single layer material

We offer our "black single-layer material" for self-cutting or as a cover in the lead equivalent values 0.25 mm Pb, 0.50 mm Pb, 0.80 mm Pb and 1.0 mm Pb.



## X-ray protective curtain

The X-ray protection curtain offers a wide range of applications, including covering passageways, entrances to the control cabin, separating workstations and covering windows. It can be used flexibly as a double or multiple curtain and is easy to move. Thanks to its flexible nature, you can simply push it to the side when passing through, and the overlapping double curtain allows particularly easy access through the middle.

### Measure

Maximum width of 120 cm, any length - standard versions are 200 cm to 220 cm. For larger widths, curtains can be overlapped with press studs. The curtains are sturdy edged at the top and fitted with eyelets and hooks for easy mounting on rollers.



### Suspension

The rail is made of drawn steel and is supplied complete with rollers, brakes and ceiling brackets or wall brackets.

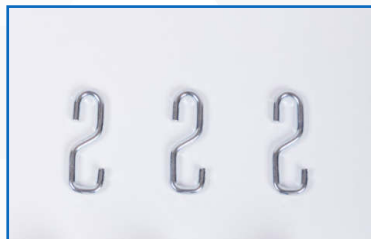
#### Ceiling beams



#### Wall support



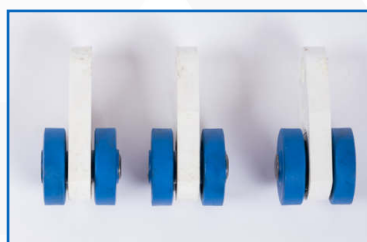
#### Hook



#### Detector



#### Role







Dr. Goos-Suprema GmbH  
Brechtelstraße 29  
69126 Heidelberg  
Phone: +49 6221 337179  
Fax: +49 6221 372166  
[info@drgoos-suprema.de](mailto:info@drgoos-suprema.de)  
[www.drgoos-suprema.de](http://www.drgoos-suprema.de)