

# Collection Book X-ray Protection Garments

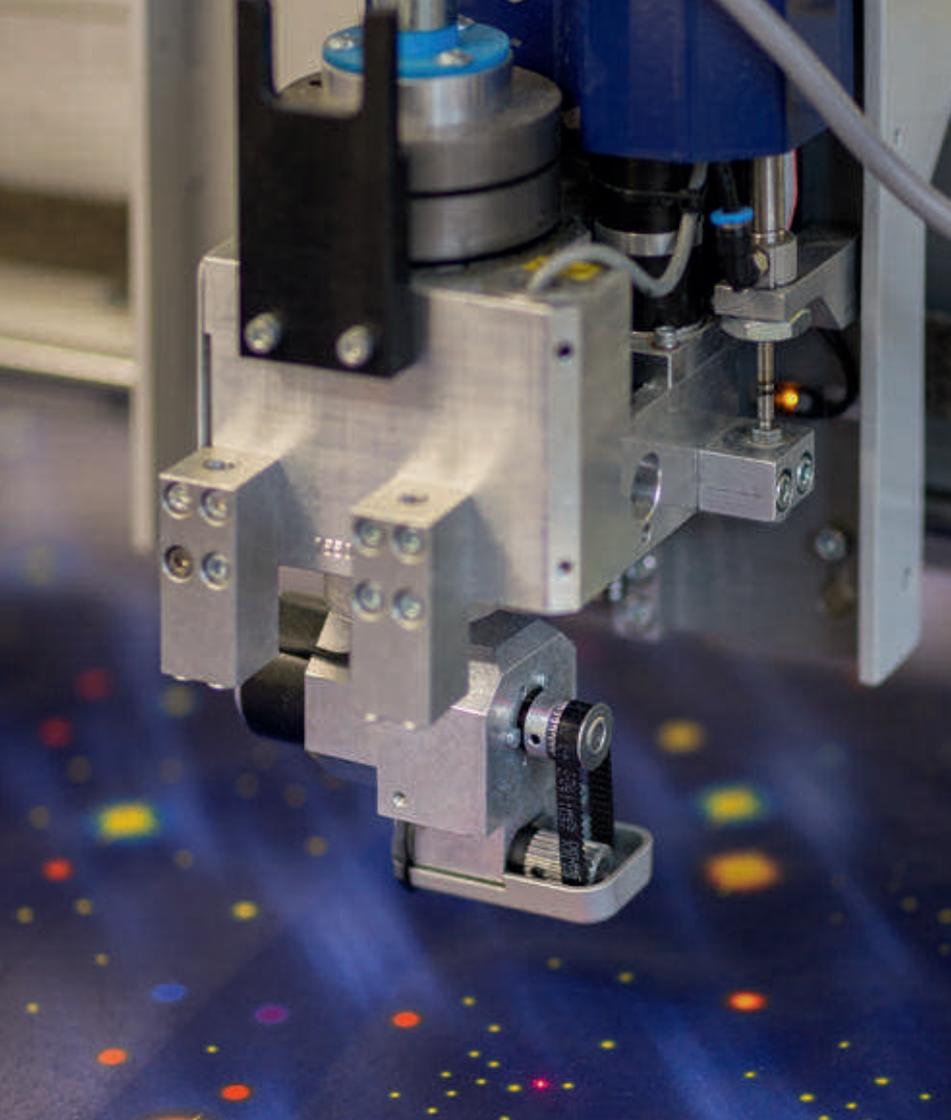
Over 30 X-Ray Protection models and over 45 different colors.

3 Protection materials from 50 to 150 KV

# Index

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Medical Index makes the difference	4
Closure types	5
Optional Accessories	6
Front Apron	12
Double Sided Apron	16
Skirt and Vest	22
Dental Apron	28
X-ray Protection for Children	32
Patient Protection	36
X-ray Protection Glasses	44
Accessory	48
How do I order at Medical Index?	52
Article Overview	54



X-Ray Protection aprons accordance to Norm **DIN**  
EN 61331-1:2014 and DIN EN 61331-3:2014  
independently certified from von 50 bis 150 KV

# Welcome at Medical Index

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In 1997 we started on the development and production of high-quality radiation protection aprons. It is our aim to offer our customers the best protective clothing they need for their daily work.

On the following pages you will only find our product range. If you look for specific solutions, please contact us. We can do more than we can show you here, and we look forward to new challenges. Protecting you as best as possible - that is our passion.

# Medical Index makes the difference

Our products are characterized by the use of high quality materials, individual cuts and special solutions for the user.

1.

## **Our cover-material: high quality, individual, hygienic**

- MATRIX: high quality, unique and hygienic. An cover-material that is resistant to all common disinfectants. Tested according to ASTM F1670 (2008): "Resistance to penetration by synthetic blood" and ASTM F1671 (2013): "Resistance to penetration by pathogens contained in the blood".
- Standard colors: versatile, individual and proven. In addition to the many plain colors, you can choose from various design patterns.

You can find our current color selection here [www.medicalindex.de](http://www.medicalindex.de)



## **Our Lead Material. Three choices, one mission: X-Ray Protection from 50 to 150 KV**

- Standard lead (SL)
- **Vector X Bilayer Lead free (NL)**
- Vector X Bilayer Light Lead (LL): our light and flexible protective material, which offers an exceptionally high level of protection thanks to a bilayer technology.

Vector X is a protective material that consists of a real two-sided construction: The inner side is made of lead and thus shields the fluorescent radiation from the body. Vector X can be used in all areas because it is certified from 50 to 150 kV, but is just as light and flexible and has the same tensile strength as traditional protective materials. It goes without saying that our products are certified according to EN 61331-1 + 3: 2014.

- **Lead Front Side:** 0,25; 0,35; **0,50 mm Pb**
- **Lead Back Side:** Standard: **0,25 mm Pb**, optional: 0,35; 0,50 mm Pb and other Pb values on available on request.

## **MI-Sizes: fitted for you and your customers**

All models are available from size XS to XL, on request we have special sizes available from XXXS to XXXL.

5.5, 7.5 8.5

## **Customization**

4.

With a personal embroidered monogram (MONO DIREKT) we customize your x-ray protection aprons. You may also choose a removable embroidery with a velcro patch (MONO KLETT).

# Our Closure-systems

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Medical Index offers you a choice of seven types of closure for the CA front apron. These types of closure are also available for all other models, depending on the version (see individual identification of the models).

An additional shoulder Velcro fastener is also possible for fastening types 1 to 4.



1. Velcro closure



2. Elastic Back



3. Buckle/Snap-lock closure



4. Elastic Velcro closure



5. Strap closure



6. Magnetic closure



7. Second belt with back strap

X-Ray Protection Aprons

# Optional Accessories





# Integrated Thyriod Shield

Art.-No: ITS

Integrated Thyroid Shield (ITS) – so that the protection always remains, we sew the ITS directly onto the corresponding model.

## Thyroid Shield

Art.-No.: TS

6. 6.1 7. 7.1  
1.

Classic separate thyroid protection with Velcro in the back

1.5 1.4

Available in 3 Sizes and Length:

1.1

TS00410 (Collar Height 4 cm; Sternum 10 cm) and: TS00405,

TS00415, TS00605, TS00610, TS00615

6.4, 6.5

7.4 7.5



# Magnet- Thyroid Shield

Art.-No.: MTS

Our popular Thyroid Shield with elegant Magnet closure in the back. Magnet Thyroid Shield also available without a trim.

Available in 3 Sizes: MTS00405 - Size S MTS00410 – Size M  
MTS00415 – Size L



## C-Thyroid Shield Art.-No.: CTS

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A Thyroid Shield with a special shape.

Sizes: CTS00413 – Size M und CTS00418 – Size L

Closure System: Velcro, Magnet

## Clip System Art.-No.: CLIP

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Optional for all models:

With a clip system you can directly attach your thyroid on the apron, so that your thyroid shield stays with the apron.



## Integrated Sleeve Art.-No.: ISLEEVE

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Sewn Sleeves can be added to your apron to provide additional protection around your shoulders.

Optional: left, right or both sides



# Integrated Wings Art.-No.: IWING

Sewn Wings provide flexible protection around your shoulders and your arms still keep the full range of motion.

# Magnet-Wings Art.-No.: MWING

Wings with a magnetic closure system for an easy on and off. This allows you to use a Wing when there is a need for it and allows you to take it off and save weight.



8. 8.1

# Removable Sleeve

Art.-No.: SLEEVE

7. 7.4

8.4

Sleeves, which can be attached to the shoulder parts of the apron using Velcro or magnetic fasteners.

Closure System: Velcro, Magnet

8.5

Optional: left, right, or both sides





1.4. 9  
1.3. 9

## Breast Pocket Art.-No.: POCKET

Breast Pocket sewn on any model you wish.  
On request also an Dosimetry pocket on the inside.

## Belts

Elastic Belts:

– Push button on the apron

Art.-No.: VBELT

– Snap-lock with a clip on the apron

Art.-Nr.: SBELT



## Apron-/ Skirt Cut Out Art.-No.: CUTOUT

A Cut-Out in the back for more legroom while making steps.



## Anti-Slip-Fabric Art.-No.: ARI

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With our innovative anti-slip inner fabric, we offer you a fabric that provides additional support and comfort. Thanks to the structure and coating, optimal adhesion to the body is enabled.

## Medical-Index- Inner Fabric Art.-No.: MII

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You can find our Medical Index inner material in all models with Matrix colors. Its technical properties make it particularly comfortable to wear.

1.7, 2.7, 3.7,  
4.7, 5.7, 6.7,  
7.7 8.7



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# X-Ray and Diagnostics

X-Ray Protection Aprons

# Front Aprons

## **Optimal Protection for daily tasks**

Are you looking for a radiation protection apron that you can work comfortably with, that is light and still offers optimal protection?

Then our front apron is just right for you. In examinations and discussions with our customers, we worked out the optimal fit, which on the one hand enables comfortable wearing and on the other hand offers optimal protection against scattered radiation and is easy to put on and take off.

## **Front Apron Sizes**

Width Hip

S 50 cm

S/M 55 cm

M 60 cm

M/L 65 cm

L 70 cm

XL 75 cm

Apron Length: from 90 to 130 cm

Special sizes possible on request.



## Model URO Art.-No.: URO

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Our urological front apron offers sufficient gonadal protection for examinations while seated. The leg protection is attached with a rubber Velcro strap.

Closure types: Velcro, elastic back with Velcro, shoulder Velcro

Optional: TS, MTS, CTS, POCKET, MONODIREKT, MONOKLETT

See optional accessories on page 7.



## Model Drop-off Art. No.: DO

Our drop-off front apron / surgical apron.

By opening the frontal fastener, the apron can be pulled off under the surgical gown.

**2.1.8**

Closure Type: Velcro

# Model CA Art. No.: CA

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Our classic front apron for everyday use. Here you have a large selection of closure types and accessories.

On the picture from left to right: CA with integrated thyroid protection and snap lock, CA with snap fastener and CA with classic Velcro fastener.

Closure Types: all Closure Types (see Page 5)

Optional: ITS, TS, MTS, CTS, POCKET, VBELT, SBELT, MONODIREKT, MONOKLETT



# X-Ray Protection Aprons

# Double Sided Apron

## Double Safety from Shoulder to Knee

Protective clothing should provide protection where it is particularly important. Above all, the upper body area must be covered in front of a breastbone and collarbone. For such application our double aprons ideally suited: A complete coverage of these areas. Closure types and optional accessories available depending on the model.

**2.5, 3,5, 6.5**

### **Available Sizes for Double Sided Aprons**

Width Hip

XXS	97 cm	XS	102 cm
S	107 cm	SM	112 cm
M	117 cm	ML	122 cm
L	127 cm	XL	132 cm
XXL	137 cm		

**Length: from 90 to 130 cm**

Depending on the model, the cuts and thus the feeling of adjustment can change. Special sizes possible on request. **2.1, 6.5**



## Model MADA Art.-No.: MADA

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Apron with frontal overlap, V neckline and double protective material in the non-overlapping area. With an elastic belt for maximum back relief and an optional cut-out on the back for additional mobility.

Closure types: Velcro, Magnet

Optional: TS, MTS, CTS, POCKET, ISLEEVE, SLEEVE, WING, MWING, CUT-OUT



## Model DA Art.-No.: DA

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Our classic double apron with front overlap and best weight distribution (picture on the left with optional sleeves).

Closure types: Velcro

Optional: TS, MTS, CTS, POCKET, VBELT, SBELT, SLEEVE,

## Model BRDA Art.-No.: BRDA

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This double apron with an overlap in the middle is comfortable and easy to put on. Optimal protection is guaranteed by an additional lead layer on the open front.

Closure types: Velcro, Magnet

Optional: TS, MTS, CTS, POCKET, VBELT, SBELT, ISLEEVE, SLEEVE, WING, MWING, CUT-OUT



## Model CWDA Art.-No.: CWDA

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Our apron model with easy side and shoulder closure.

Closure types: Velcro

Optional: TS, MTS, CTS, POCKET





## Model Wrap Art.-No.: WDA

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Our popular wrap double apron can be closed without Velcro. The elastic back makes it comfortable to wear over a long period of time. A minimal cut-out at the bottom of the back allows for more flexibility when wearing. Pictured left with thyroid protection (CTS).

Closure types: Snap-lock

Optional: ITS, TS, MTS, CTS, POCKET, ISLEEVE, SLEEVE, MWING, WING

# Model WEDA Art.-No.: WEDA

2. 3.

2.1 3.1

6. 6.1

Extremely comfortable and easy on the back thanks to the shoulder and front closure on both sides with elastic back. A cut-out at the bottom of the back provides further flexibility.

Closure types: Velcro, Magnet

3.2

Optional: TS, MTS, CTS, POCKET





## Model MIDA Art.-No.: MIDA

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Quick to put on thanks to continuous front locking. Optimal hold possible with an additional belt.

Closure types: Velcro

Optional: ITS, TS, MTS, CTS, POCKET, VBELT, SBELT, SLEEVE

## Model Tabard Art.-No.: TAB

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Apron with one-sided shoulder and back closure.

Closure Type: Snap-lock

Optional: TS, MTS, CTS, POCKET



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# X-Ray and Diagnostics

X-Ray Protection Aprons

# Skirt & Vest

## **Double Protection – half the weight on the back**

Our Skirt and Vest models reduce the strain on the back to a minimum. More than half of the weight is on the hips, and the cut of the vests also significantly reduces the load. All models comply with the IEC EN 6133-1: 2014 standard.

As with the double aprons, we also offer a model without Velcro for our costumes. We are confident, you will find the right one for you from a total of seven models.

All vests have shoulder pads and the skirts have practical hangers for better storage.

**5.4, 7.4**

Please note that each vest model offers different levels of comfort depending on the armhole.



1.7



## Model WESV Art.-No.: WESV

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Our wrap vest with flexible back and fastener on the shoulder and in the frontal abdominal area.

Closure types: Velcro, Magnet

Optional: TS, MTS, CTS, ELBELT, CUTOUT



## Model SV Art.-No.: SV

5. 5.1  
7. 7.1

Our classic costume: skirt and vest with frontal overlap and tight application of the fastener.

5.3, 5.4  
7.4

Closure type: Velcro

Optional: ITS, TS, MTS, CTS, ELBELT, ISLEEVE, SLEEVE, CUT-OUT

7.4

## Model BRSV Art.-No.: BRSV

Vest with frontal fastening in the middle allow the vest to be put on more quickly.

Closure types: Velcro, Magnet

Optional: TS, MTS, CTS, ELBELT, ISLEEVE, SLEEVE, WING, MWING



## Model CardiSV Art.-Nr.: CSV

The closure on the shoulder and the side allows for comfortable putting on.

Closure types: Velcro, Magnet

Optional: TS, MTS, CTS, ELBELT, CUT-OUT

# Model Magnet-Wrap Art.-Nr.: MWSV

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Our wrap vest with a flexible back and magnetic fastener for easy opening. The accompanying skirt is a standard skirt and can be provided with a elastic backpart on request.

Closure type: Magnet

Optional: ITS, TS, MTS, CTS, ELBELT, ISLEEVE, SLEEVE, WING, MWING





## Model MISV Art.-No.: MISV

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Complete frontal overlap of the vest for a secure hold. In the picture with integrated thyroid protection.

Closure type: Velcro

Optional: ITS, TS, MTS, CTS, POCKET, ELBELT, ISLEEVE, SLEEVE, WING, MWING, CUT-OUT

## Model MASV Art.-No.: MASV

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The vest with a V neckline and frontal application on the side. The complete overlap on the front and the double protective material in the non-overlapping area ensure optimal protection.

1.4

1.1

Closure types: Velcro, Magnet

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Optional: TS, MTS, CTS, ELBELT, ISLEEVE, SLEEVE, WING, MWING,

CUT-OUT

1.4



## Model Wrap Art.-No.: WSV

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Our wrap suit with a flexible back and front buckle fastener that works without any Velcro fastener. A minimal cut out at the bottom of the back allows for more flexibility when wearing.

Optional: ITS, TS, MTS, CTS, ISLEEVE, SLEEVE, WING, MWING

# Optional: Elastic back part on Skirt

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In order to increase the adjustment and comfort, the skirt can be fitted with an Elastic insert in the back. This option can be ordered for all models in a widths of 10 or 14 cm.

Our anti-slip inner fabric can provide additional hold for your skirt.

All Skirts with a magnetic fastener already have a 14 cm elastic backpart.

## Elastic back part 10 cm

Art.-No.: ELBELT10

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## Elastic back part 14 cm

Art.-No.: ELBELT14

1.4

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X-Ray Protection Aprons

# X-ray Protection for Dental medicine

4.

## **Protection for Dental applications.**

Dental x-rays are of great importance in diagnosing the oral condition. With the help of X-rays, a variety of tooth and oral diseases can be detected at an early stage.

X-rays are taken at regular intervals - optimal protection for the patient is therefore necessary.

We offer all models with a lead equivalent of 0.25; 0.35 or 0.50 mm Pb.

4.3

Please refer to the respective models for the corresponding sizes.



4.1 4.5

## Model Radio Art.-No.: DTL

Wide shoulder part and frontal length offer an optimal protection for frontal and dental exposures. Optional with integrated thyroid protection (see picture).

Closure Type: Velcro

Optional: ITS

Size: Length = 70 cm, Width = 60 cm



4.1 4.5

## Model Semi-Radio Art.-No.: DSR

This dental apron is quick to put on, comfortable and protects the most important upper areas. With integrated thyroid protection.

Closure type: Velcro

Size: Length = 35 cm, Width = 70 cm

