

[www.radixray.com](http://www.radixray.com)

**Radixray**<sup>TM</sup>  
Protection



## Welcome to Radixray;

**W**hen it comes to X-ray protection, Radixray is the name you can trust. Since 2007, for our experience in manufacturing X-ray garments, you can feel sure that, you are choosing the very best.

All Radixray protective garments are designed and manufactured in Turkey according to actual European Regulations (EC) to the regulated upmost standards, using the top quality materials and resulting manufacturing some of the most durable and reliable x-ray protective products on the market.

### **QUALITY&SERVICE**

Radixray employs highly trained, professional sewing staff with one goal in mind; to create a tailor-made lead apron that exceeds your dreams expectations in comfort and quality. Our radiation apron sizing criteria have been refined for long years experience and are designed for a clean, ergonomic fit with the best x-ray protection level.

### **CORE MATERIAL**

Radixray aprons come in 2 options; Lead-Free and Standard Lead. Our durable, lightweight core materials are made from the highest quality

raw materials and latest manufacturing methods available. Additionally, our new polymer, and our radiation aprons beat out the competition in flexibility, durability, and light-weight advantage, as well as pricing, thanks to our all-in-house compact manufacturing process.

### **FABRICS AND AUXILIARY MATERIALS**

Cover fabrics used for our products include two types. As a standart we use nylon fabrics all OEKO certified and tested for harmful to health substances. Nylon fabrics are durable but not so easy to clean.

Optionally we offer to our customers our polyurethane fabrics that have antimicrobial and anti-fungal properties. As well polyurethane covered fabrics are very easy to clean, simply with a sponge and warm water. PU fabrics we use are manufactured by DARTEX (UK) and have a reputable trust for madical manufacturers.

All hook and loops used in our products are supplied by VELCRO (Italy) and quarenteed for 10.000 times usage.

Buckles used in all aprons are supplied by YKK, leading manufacturer of textile auxiliaries, and all accessories are made from durable 6.6 nylon and tested against harmful-to-health substances.

### **STYLES**

Each vest skirt, wrap-around or frontal apron style comes with its own specific features and benefits. With many styles to choose from, if you cannot choose what you want, Radixray can customize any products specially for you. Kindly contact our customer service and advise what you want. We will be more than happy to customize a product you want.

### **QUALITY&WARRANTY**

Regarding our commitment to highest quality standards, Radixray aprons are CE marked and ISO certified. We regularly have our aprons tested to certified standards such as IEC and maintain strict manufacturing tolerances. Our commitment to quality is also why we stand behind a 2 year manufacturer warranty against defects.

### **BILAYER TECHNOLOGY FOR LEADFREE RADIATION PROTECTION**

Traditional Lead-free and Lead composite products, containing lower atomic weight metals,

such as Antimony, can't match the performance of traditional Lead products only by itself due to the K-edge effect and resulting fluorescence at key levels of keV within scatter radiation.

These materials can only pass old standards when tested between 80kV-100kV using narrow beam geometry that fails to detect the secondary radiation created by fluorescence, inevitably resulting in an increase in the absorbed dose to the body.

This test procedure is not able to detect the K-edge effectively that is created by using low atomic weight elements only. Bilayer Technology used in our leadfree products that contain Antimony and Bismuth with approved ratios are tested and certified for attenuation and Sb equivalence approved by the National Physical Laboratory (NPL) in the UK and Physikalisch-Technische Bundesanstalt in Germany, against a full range of kV (50kV to 150kV) using broad beam geometry. Bilayer Technology performs in accordance with all major standards, including IEC 61331-1:2014 and DIN 6857-1, providing users upmost x-ray protection while lowering the weight of the apron up to 40% compared to traditional lead aprons.

## FULL PRO

### ORDER CODE:

23990 FULLPRO (LEAD)  
LF23990 FULLPRO (LEADFREE)



PERSONALIZATION  
AVAILABLE



LARGE HARD BELT  
FOR BACK SUPPORT



ADDED COMFORT WITH  
SHOULDER PADS

The most preferred x-ray protective apron type globally. Owing to its design, it covers the whole body without leaks and from side to side which is an essential for full protection from scattered x radiation. When properly adjusted 5 inch

wide elastic belt supports the back of user and prevents back pains while providing comfortable weight adjustment during use. Velcro closure inside front panels provide a secure fit. Shoulder pads support best comfort for the user.



Front : 0,50 mm Pb Rear: 0,25 mm Pb  
Front: 0,35 mm Pb Rear: 0,25 or 0,35 mm Pb

## LIBRA

### ORDER CODE:

23930 LIBRA (LEAD)  
LF23930 LIBRA (LEADFREE)



PERSONALIZATION  
AVAILABLE



HOOK AND LOOP OR BUCKLE  
CLOSURE ON BOTH SIDES



ADDED COMFORT WITH  
SHOULDER PADS



The most preferred x-ray protective apron type globally. Owing to its design, it covers the whole body without leaks and from side to side which is an essential for full protection from scattered x radiation. When properly adjusted 5 inch

wide elastic belt supports the back of user and prevents backpains while providing comfortable weight adjustment during use. Velcro closure inside front panels provide a secure fit. Shoulder pads support best comfort for the user.

Front : 0,50 mm Pb - Front : 0,25 mm Pb  
Front : 0,35 mm Pb

## FLEX

### ORDER CODE:

23940 FLEX (LEAD)  
LF23940 FLEX (LEADFREE)



PERSONALIZATION  
AVAILABLE



EXTRA SHOULDER  
SUPPORT



ADDED COMFORT WITH  
SHOULDER PADS

This design is similar to LIBRA but advised for physically large people. Hook and loop bands that are connected between shoulders provide flexibility and fits for

almost all body shapes.

Available at 0,25-0,35 mm Pb & 0,50 mm Pb front protection levels.



Front : 0,50 mm Pb - Front : 0,25 mm Pb  
Front : 0,35 mm Pb

## STANDART

### ORDER CODE:

23950 STD (LEAD)  
LF23950 STD (LEADFREE)



PERSONALIZATION  
NOT AVAILABLE



STANDART POCKET



STANDART SHOULDER PADS



This design is preferred by users who are not very close to x-ray source. It is the most economical design but covers all safety issues of other apron designs. 2,5 cm durable wide belt and upper con-

nection between shoulders provide comfortable use.

STANDART design is supplied with pockets and shoulder pads.

Available at 0,50 mm Pb front protection level.

Front : 0,50 mm Pb - Front : 0,25 mm Pb  
Front : 0,35 mm Pb

## SKIRT & VEST

### ORDER CODE:

23912 (LEAD)  
LF23912 (LEADFREE)



Skirt designs are standart and provide full protection of 0,35 or 0,50 mm Pb front & 0,25 mm Pb rear when correctly overlapped. You can choose your skirt&vest at different colors.

All skirts are manufactured with nylon buckle belts to prevent the feeling of discomfort during long procedures.

Vests are supplied with improved shoulder pads and hook and loops for closure to provide weight distribution and superior comfort. Two front panels have 0,175 or 0,25 mm Pb protection and when fully overlapped, 0,35 or 0,50 mm Pb protection on the front and 0,25 mm Pb protection on the rear is maintained.

Front : 0,50 mm Pb - Front : 0,25 mm Pb  
Front : 0,35 mm Pb



PERSONALIZATION  
AVAILABLE



EXTRA SHOULDER  
SUPPORT



ADDED COMFORT WITH  
SHOULDER PADS





# DENTAL APRON

**ORDER CODE:**

239301

THYROID COLLAR  
ATTACHED

NO POCKET



NO SHOULDER PADS

AVAILABLE  
0,50 MM PB LEAD ONLY

Manufactured for breast and thyroid protection of people who are exposed to x-rays during panoramic dental examination. Thyroid collar is attached to apron and manufactured at 0,50 mm Pb as standart.

## HALF APRON



**ORDER CODE:**

239303

Half apron is used for gonad protection for adults. Additionally it is used for pregnant ladies during fluoroscopy. Manufactured at 0,50 mm Pb lead as standart.

## SPINAL COLLAR



**ORDER CODE:**

239411

This product is designed for protecting other organs than spina, when only spinal radiography is the case. Manufactured at 0,50mm Pb as standart



## GONAD PROTECTION SET

**ORDER CODE:**

239414

SIZING TABLE

25 \* 20 CM

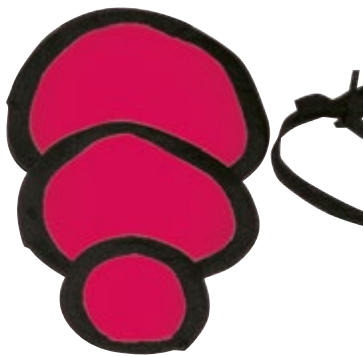
30 \* 25 CM

40 \* 30 CM

45 \* 35 CM

All products shown on this page are  
available at 0,50 mm Pb lead protection

## OVAL GONAD SET



**ORDER CODE:**

239413



## X-RAY SKULL CAP

**ORDER CODE:**

239300

## BREAST PROTECTION



**ORDER CODE:**

239412



**ORDER CODE:**

239401 LARGE (LEAD)  
LF239401 LARGE (LEADFREE)



**ORDER CODE:**

239404 BUCKLE (LEAD)  
LF239404 BUCKLE (LEADFREE)



**ORDER CODE:**

239405 STD (LEAD)  
LF239405 STD (LEADFREE)



**ORDER CODE:**

239403 FLEX (LEAD)  
LF239403 FLEX (LEADFREE)

We have 4 types of thyroid collars. All models are fastened with Premium quality velcro hook&loops. Optionally they can be fastened with buckles on demand.  
All models are 0,50 mm Pb as standart.

## HARD RUBBER GLOVE

**ORDER CODE:**

GL90012



## SURGICAL STERILE GLOVE

**ORDER CODE:**

GL90016

## HARD PVC GLOVE

**ORDER CODE:**

GL90014



Radiation resistant gloves are often used to offset the risk of scatter beam radiation exposure during fluoroscopy, cardiac cath lab and electrophysiology lab procedures. Each time an image is captured, the x-ray travels through the body making contact with internal structures. Multiple images are necessary for the success of these procedures, however the negative effects of scatter beam radiation exposure to the physicians and assistants can be offset by use of radiation gloves. Our sterile radiation protection gloves are specially designed to permit the maintenance of dexterity during surgical procedures. These radiation gloves are offered sterile, by the pair in a full range of sizes, including half-sizes. We urge you not to discount the importance of the use of lead gloves for protection from harmful repeat exposure.

## FULL NAPPY

Available at 0,50 mm Pb  
protection with hook&loops



**ORDER CODE:**

P10103

## HALF NAPPY

Available at 0,50 mm Pb  
protection with hook&loops



**ORDER CODE:**

P10102



## PEDIATRIC APRON

**ORDER CODE:** P10101 - Front Protection  
P10105 - Full Protection

Available at 0,50 mm Pb protection front and  
0,25 mm Pb rear with hook&loops

## PEDIATRIC THYROID COLLAR



Available at 0,50 mm Pb  
protection with hook&loops

**ORDER CODE:**

P10107

## TANGA GONAD



Available at 0,50 mm Pb  
protection


**ORDER CODE:**

P10109







NYLON FABRICS

Nylon fabrics are a standart due to their resistancy to tear and long life.  
Applicable in a variety of color shades.

				
ORDER CODE: 112	ORDER CODE: 113	ORDER CODE: 114	ORDER CODE: 115	ORDER CODE: 116
				
ORDER CODE: 117	ORDER CODE: 118	ORDER CODE: 119	ORDER CODE: 120	ORDER CODE: 121

ANTIMICROBIAL  
FABRICS

Our antimicrobial fabrics are supplied by DARTEX coatings and made by poluyrethane coating process.  
Polyurethane coatings are breathable, waterproof, washable, stain resistant and provide superior  
antimicrobial protection against known germs and bacteria up to 99,99%

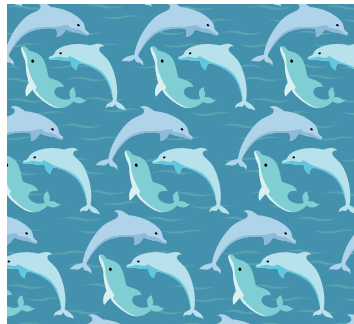
			
ORDER CODE: 211	ORDER CODE: 212	ORDER CODE: 213	ORDER CODE: 214



## PATTERNS



ORDER CODE: **321**



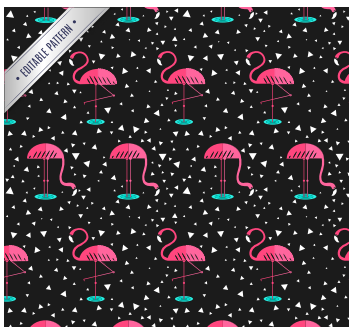
ORDER CODE: **322**



ORDER CODE: **323**



ORDER CODE: **324**



ORDER CODE: **325**



ORDER CODE: **326**



ORDER CODE: **327**



ORDER CODE: **328**



ORDER CODE: **329**



ORDER CODE: **330**



ORDER CODE: **331**



ORDER CODE: **332**



## JUNO GLASSES

**ORDER CODE:**

RX-1171

### FEATURES

- 0.75mm Lead Equivalency Schott SF6 Radiation Protective Lenses
- Rubberized Soft Grip Temple Bars and Nose Pads for Secure Fit
- Rubberized Foam Insert with Fog-Reducing Ventilation Ports

### SPECS

Frame Size: 55-15-135  
Weight: 69g  
CE Pending  
Non-Rx Frame

**Fits:** Medium to Small Faces **Colors:** Black, White, Red



## ASTRO GLASSES

**ORDER CODE:**

RX-208

### FEATURES

- 0.75mm Lead Equivalency Schott SF6 Radiation Protective Lenses
- Rubberized Soft Grip Temple Bars for Secure Fit
- Constructed of High Impact TR-90 Nylon

### SPECS

Frame Size: 62-18-145  
Weight: 75g  
CE Certified  
Rx Frame

**Fits:** Medium to Small Faces **Colors:** Pink, White, Red, Purple



## MARS GLASSES

**ORDER CODE:**

RX-EGM

### FEATURES

- 0.75mm Lead Equivalency Schott SF6 Radiation Protective Lenses
- Constructed of High Impact TR-90 Nylon
- Intergrated T Lock Retainer Cord for Secure Fit

### SPECS

Frame Size: 53-17-130  
Weight: 75g  
CE Certified  
RX Frame

**Fits:** Medium to Small Faces **Colors:** Black, White, Red

## SPECS

Frame Size: 62-19-ADJ  
Weight: 86g  
CE Certified  
Non-Rx Frame

## FEATURES

- 0.75mm Lead Equivalency Schott SF6 Radiation Protective Lenses
- Extended Brow Guard to Fit Over Glasses
- Adjustable, Ratcheting Temple Bars

**Fits:** To all Faces **Colors:** Black, White, Silver



## FITOVER GLASSES

**ORDER CODE:**

RX-66

## SPECS

Frame Size: 57-16-125  
Weight: 70g  
CE Certified  
Rx Frame

## FEATURES

- 0.75mm Lead Equivalency Schott SF6 Radiation Protective Lenses.
- 0.35mm Lead Equivalency Side Shields for Lateral Protection.
- Rubberized Temple Bars and Removable Nose Pads in 3 Sizes

**Fits:** Small to Medium Faces **Colors:** Black-Yellow, Black - Orange



## VENUS GLASSES

**ORDER CODE:**

RX-206

## SPECS

Frame Size: 57-19-140  
Weight: 90g  
CE Certified  
RX Frame

## FEATURES

- 0.75mm Lead Equivalency Schott SF6 Radiation Protective Lenses and 0.35mm Lead Equivalency Lateral Protection
- Flexible Temple Bars and Acetate Frame
- Adjustable Nose Pads

**Fits:** To all Faces **Colors:** Black, Tortoise



## CLASSIC GLASSES

**ORDER CODE:**

RX-52



## ARIES GLASSES

**ORDER CODE:**

RX-808

### FEATURES

- 0.75mm lead equivalency Schott SF6 radiation Protective lenses.
- Rubberized Soft Grip Temple Bars and Nose Pads for Secure Fit
- Constructed of High Impact TR-90 Nylon

### SPECS

Frame Size: 60-18-135  
Weight: 71g  
CE Certified  
Rx Frame

**Fits:** Medium to Large Faces **Colors:** Black, White, Red



## VIRGO GLASSES

**ORDER CODE:**

RX-375

### FEATURES

- 0.75mm Lead Equivalency Schott SF6 Radiation Protective Lenses
- TR-90 Nylon Construction
- Lightweight and Stylish Design

### SPECS

Frame Size: 52-19-145  
Weight: 59g  
CE Certified  
RX Frame

**Fits:** Small to Large Faces **Colors:** Black, Tortoise



## FEATHER GLASSES

**ORDER CODE:**

RX-MX30

### FEATURES

- 0.75mm lead equivalency Schott SF6 radiation Protective lenses.
- Constructed of High Impact TR-90 Nylon
- Intergrated T Lock Retainer Cord for Secure Fit.

### SPECS

Frame Size: 53-17-130  
Weight: 63g  
CE Certified  
RX Frame

**Fits:** Medium to Large Faces **Colors:** Black, Red

## SPECS

Frame Size: 62-15-145  
Weight: 90g  
CE Certified  
Rx Frame

## FEATURES

- 0.75mm Lead Equivalency Schott SF6 Radiation Protective Lenses
- Ultimate Fitover Design for Weight & Comfort
- 0.35mm Pb Lateral Protection



## WRAPAROUND GLASSES

**ORDER CODE:**

RX-33

**Fits:** Medium to Large Faces **Colors:** Black, Tortoise

## SPECS

Frame Size: 56-17-135  
Weight: 67g  
CE Certified  
RX Frame

## FEATURES

- 0.75mm Lead Equivalency Schott SF6 Radiation Protective Lenses
- Rubberized Soft Grip Temple Bars for Secure Fit
- Constructed of High Impact TR-90 Nylon



## SUNFUN GLASSES

**ORDER CODE:**

RX-W200

**Fits:** Small Medium to Large Faces **Colors:** Black, White, Blue

## SPECS

Frame Size: ADJ  
Weight: 460g  
CE Certified  
Non-Rx Frame

## FEATURES

- 0.10mm Lead Equivalency Radiation Protective Mask
- Ratcheting Head Strap to Fit All Head Sizes
- Scratch Coating on Lead Acrylic



## FACESHIELD

**ORDER CODE:**

RX-FM-FULL

**Fits:** To all Faces **Colors:** Transparant only



## MOBILE SHIELDS

Manufactured  
at 2,00 or 1,00mm Pb.  
Standart size is 100x200cm,  
but also can be manufactured at any  
sizes or cover according to demand.

**ORDER CODE:**

49354



**ORDER CODE:**

43912



Manufactured at 0,50mm Pb.  
Standart size is 60x70cm,  
but also can be manufactured at any  
sizes according to demand.  
Cannot be adjustable.  
Easy move wheels.

**ORDER CODE:**

70115



Manufactured at 0,50mm Pb.  
Standart size is 60x85cm,  
but also can be manufactured at any  
sizes according to demand.  
height can be adjustable.  
Easy move wheels.

**ORDER CODE:**

70114



## ANGIO TABLE SHIELDS

**ORDER CODE:**

70112

Primarily designed to prevent lower body exposure to scattered radiation, these units may be used on any table where X-ray fluoroscopy is used. Our exclusive designed system makes leveling shields on any conventional sized table. Standard protection level is 0,50mm Pb and at 110x70 cm. But also can be manufactured at any sizes according to demand.





## PATIENT PROTECTIVE BLANKET

**ORDER CODE:**

70112

Whether you are shielding patients from radiation scatter or equipment, the radiation protective blanket will have you covered. The blanket is available in 70\*100cm size. This nylon-covered 0.50mm equivalent protective blanket will compliment your other protective aprons.



## VEST & SKIRT RACK

ORDER CODE:

50002



## WALL RACK

ORDER CODE:

50003

## GENERAL APRON RACK

ORDER CODE:

50004



# SIZING CHART

FRONT PROTECTION-UNISEX				
STD	ACTUAL SIZE	SUIT SIZE	MAX.CHEST/HIP SIZE	MAX. HEIGHT
SMALL	50 * 80 CM	34 - 36	75 CM	165 CM
MEDIUM	55 * 85 CM	38 - 40	90 CM	175 CM
LARGE	60 * 90 CM	42 - 44	100 CM	180 CM
X LARGE	65 * 105 CM	46 - 48	120 CM	185 CM
XX LARGE	70 * 110 CM	50 - 52	130 CM	190 CM

VEST SIZING MALE		
STD	CHEST (CM)	LEGTH (CM)
X SMALL	74 - 84	51
SMALL	85 - 91	54
MEDIUM	93 - 99	57
LARGE	100- 106	60
X LARGE	108 - 113	63
XX LARGE	115 - 120	66
3X LARGE	122 - 127	70

VEST SIZING FEMALE		
STD	CHEST (CM)	LENGTH (CM)
X SMALL	74 - 84	52
SMALL	86 - 89	55
MEDIUM	90 - 95	58
LARGE	97 - 102	61
X LARGE	103 - 106	66
XX LARGE	107 - 110	67

SKIRT SIZING UNISEX			
STD	WAIST (CM)	HIP (CM)	LENGTH (CM)
X SMALL	65 - 68	83 - 85	45 CM
SMALL	70 - 75	88 - 91	48 CM
MEDIUM	78 - 83	95 - 100	51 CM
LARGE	85 - 90	103 - 109	54 CM
X LARGE	95 - 100	112 - 115	57 CM
XX LARGE	105 - 110	117 - 120	61 CM
3X LARGE	120 - 125	122 - 125	62 CM

COAT TYPE - UNISEX					
STD	CHEST (CM)	WAIST (CM)	HIP (CM)	FRONT LENGTH (CM)	REAR LENGTH (CM)
SMALL	83 - 90	83 - 90	87 - 95	90	80
MEDIUM	92 - 99	94 - 102	97 - 106	95	85
LARGE	103 -110	105 - 112	108 - 115	100	90
X LARGE	113 - 120	115 - 122	117 - 125	105	95

www.radixray.com

Radixray<sup>TM</sup>  
Protection

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