

X-Ray Protection



 **Solutions**

X-ray protection clothing is characterised of good fitting and high wearing comfort. Careful manufacturing and many years of experience are the guarantee for long durability.

The covering material is made from robust and non-irritant Nylon. The design is based on the day-to-day use and easy handling.

Trendy shapes and light colours improve fun at work.

The interior X-ray absorbing material is made from multilayered lead rubber.

CAWO offers two kinds of lead rubber:

- **Standard** (version L or H) at a reasonable price and with standard lead rubber.
- **Light** (version L or H) with newly developed interior material, up to 20 % less in weight. This version is made for wearing the protection apron for a longer time.

Regular quality controls and careful treatment guarantee security and a long life of the X-ray protection aprons.

Coat Apron



X-Ray Protection Clothing

The standard colour for X-ray protection clothes is royal-blue. We can offer a wide range of other colours on request.

Coat Apron. Long front part and short back part.

- **Version L** front and back 0.25 mm Pb
- **Version H** front 0.35 mm Pb, back 0.25 mm Pb or front 0.50 mm Pb, back 0.25 mm Pb

Both versions are available in sizes:

- **small** 60 x 90, 60 x 100, 60 x 110 cm
- **medium** 60 x 100, 60 x 110, 60 x 120, 60 x 130 cm
- **large** 75 x 100, 75 x 110, 75 x 120, 75 x 130 cm

Image Intensifier Apron.

Front 0.25 mm Pb with sternum and gonad protection of 0.35 mm Pb; Back 0.25 mm Pb

Sizes: 60 x 100, 60 x 110, 60 x 120, 60 x 130 cm

Skirt and Jacket



Skirt and Jacket. With this combination of two parts a consistent spread of weight to shoulders and hip is achieved. This leads to the advantage of much better mobility.

Skirt. The wrap-around skirt with lead equivalence 0.25 mm Pb offers lead protection of 0.50 mm Pb through overlapping in the front.

- **small:** length 55, 60, 65, width 75 cm
- **medium:** length 60, 65, 70, width 85 cm
- **large:** length 60, 65, 70, width 95 cm

Jacket. The lead equivalent (0.25 mm Pb) of the jacket reaches 0.50 mm Pb through overlapping in the front.

- **small:** length 60 cm, chest 107 cm
- **medium:** length 60 cm, chest 117 cm
- **large:** length 60 cm, chest 127 cm

Wrap Around Apron



Wrap Around Apron

Lead Equivalence

Front: 0.25 mm Pb / Back: 0.25 mm Pb

Front: 0.35 mm Pb / Back: 0.25 mm Pb

Front: 0.50 mm Pb / Back: 0.25 mm Pb

Front: 0.35 mm Pb / Back: 0.35 mm Pb

Front: 0.50 mm Pb / Back: 0.35 mm Pb

Size

SMALL: Length: 90, 100, 110 or 120

Girth: approx. 110 – 120

MEDIUM: Length: 90, 100, 110, 120 or 130

Girth: approx. 121 – 130

LARGE: Length: 100, 110, 120 or 130

Girth: approx. 131 – 140

Features

CLOSURE: 3 horizontal and 1 vertical Velcro closure

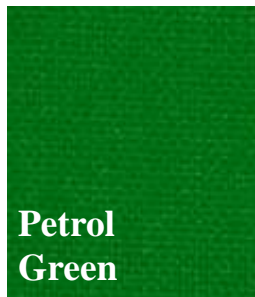
BELT: Stetch belt 16 cm width

BREAST POCKET

EMBROIDERY: upon request

X-ray protection. Colours and designs.

CAWO offer variety of different designs and colours. We deliver with standard colour “Royal Blue”, if a colour is not mentioned explicitly in the order.



X-ray protection is in conformity with international standards and regulations.

X-ray protection for medical staff and patients.
DIN EN 61331-1:2014, (IEC 61331-3:2014)

Patient Protection

- **Dental Apron:** 0.25 mm, 0.35 mm, 0.50 mm Pb
size: 60 x 80 cm

- **Protective Thyroid Collar:**
0.50 mm Pb, standard and optionally with extended front protection



- **Protective Gonad Apron:**
with flexible ring
(also available with Velcro closure), 0.50 mm Pb,
sizes: 20 x 25 cm, 30 x 30 cm,
37 x 45 cm, 45 x 50 cm or
45 x 60 cm



- **Heavy Scrotum Shield (male):**
1.00 mm Pb,
small (up to 9 years)
medium (9-14 years)
large (over 15 years)



- **Ovary Shields (female):**
1.00 mm Pb,
set with 3 sizes
(small, medium, large)



Further X-Ray Protection Accessories

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X-ray protection for medical staff and patients.

DIN EN 61331-1:2014, (IEC 61331-3:2014)

- **Lead Glass** for laboratories

- **Protective Gloves**
with inside gloves
0.35 mm Pb, brown



- **Lead Glass Goggles:**
0.50 mm Pb or 0.95 mm Pb



- **Protective Cover Sheet:**
0.25 mm Pb, 0.50 mm Pb or 0.80 mm Pb
Lead Rubber Cassette Covering, max. width 120 cm



Business Contact:
CAWO Solutions
P.O. Box 11 29
D - 86521 Schrobenhausen
Phone: (++49) 8252 9109-21
Internet: www.cawo.com
E-mail: cawo@agfa.com

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