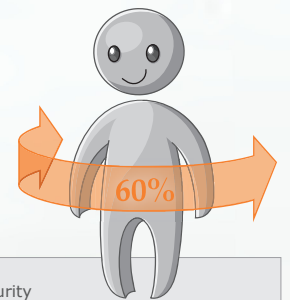




## BALANCE RA631



X-ray protective clothing from MAVIG gives you the security of knowing that you comply with all applicable legal requirements.

This model complies with IEC 61331-1:2014 / DIN EN 61331-1:2016 and IEC 61331-3:2014 / DIN EN 61331-3:2016.

Naturally, MAVIG X-ray protective clothing also underwent the required prototype testing and certification in compliance with PPE 89/686/EEC (CE0123).

## BALANCE RA631

Allround optimum protection! The patented Balance RA631 series sees you through a safe and comfortable day.

Its special features differentiate this model significantly from other two-piece models.

Fully overlapping front panels achieve lead equivalent values of Pb 0.25 mm, Pb 0.35 mm, or 0.50 mm for the front and create the basis for the incredible wearing comfort of the Balance series, with its great weight distribution and a high degree of movement and flexibility.

The integrated, colour-contrast safety zones (ocean) guarantee ideal X-ray protection. They will give you the certainty of being optimally protected in all situations. In the side area, the vest and skirt each have an ample 12 cm wide double layer with the full lead equivalent. This is also the case in the sections of the shoulder area where the cut is designed as non-overlapping.

If the end of the front panel is within this clearly recognisable zone after putting on the protective clothing, you are covering the full 60% of the body circumference with the maximum protective value.

MAVIG X-ray protective materials achieve an outstanding rating in terms of weight and X-ray protection. Produced with the first-class X-ray protective material NovaLite, the apron ensures fulfilment of fundamental occupational health requirements for long wearing periods in radiological workplaces.

## Peace of Mind Through Safety

This statement distinguishes the BALANCE RA631 series more than one might think at first glance.

- Significantly reduced weight burden on the spinal column
- The two piece model allows better ventilation of body heat
- Ideal fit, maximum wearing comfort
- Shoulder pads as standard equipment

The skirt has a wide belt strap in addition to the high-quality hook & burr fastener. An elastic insert in the back part allows the user to hold his/her posture and can be easily replaced if necessary, thanks to a zipper. The upper width of the skirt can be varied by changing the size of the insert.



The belt strap supports without constriction and ensures an optimum, secure fit.

In the bottom area, the skirt is also secured with a snap buckle fastener.

### Back Relief

The elastic insert in the back of the skirt makes it easier for the user to keep his/her posture in daily routines.

### Free Movement

For greater freedom of movement, the skirt has a cut-out at the back.

Of course, the knees are still optimally protected at the front and sides.



### Overlapping Area

In order to ensure protection during movements (e.g. when bending), the vest has sufficient length and overlaps the skirt.

## Protective Material

- NovaLite or
- Standard Lead

## Lead Equivalent Values

Front, optionally: Pb 0.25 mm, Pb 0.35 mm, or Pb 0.50 mm

(fully overlapping front pieces achieve the desired Pb value)

Back generally: Pb 0.25 mm

## Outer Material / Colours

Optionally ComforTex® HPMF Hybrid or ComforTex® HPMF, available in the colours:

- Curacao
- Orchidee
- Regatta
- Indian Summer
- Limette
- Ocean
- Lagoon

## Sizes\*, recommended for:

- XS** Chest girth ≤ 84 cm  
Waist/hip girth ≤ 86 cm
- S** Chest girth approx. 85 - 95 cm  
Waist/hip girth approx. 87 - 97 cm
- M** Chest girth approx. 96 - 106 cm  
Waist/hip girth approx. 98 - 107 cm
- L** Chest girth approx. 107 - 117 cm  
Waist/hip girth approx. 108 - 118 cm
- XL** Chest girth approx. 118 - 128 cm  
Waist/hip girth approx. 119 - 129 cm
- XXL** Chest girth approx. 129 - 139 cm  
Waist/hip girth approx. 130 - 140 cm
- 3XL** Chest girth approx. 140 - 150 cm  
Waist/hip girth approx. 141 - 151 cm

\* As model RA631 consists of two pieces, the following applies: For the vest, the **larger value** of the chest and waist determines the size. For the skirt, the **larger value** of the waist and hip determines the size.

## Skirth Lengths, recommended height:

- 65 cm for approx. 150 - 170 cm
- 70 cm for approx. 170 - 180 cm
- 75 cm for approx. 180 - 190 cm
- 80 cm for approx. 190 - 200 cm

## Optional / On Request

**Sleeves** (page 21)

**Breast Pocket** (page 21)

**Embroidery** (page 21):

- on the breast pocket
- on permanently sewn-on border
- on detachable border

**Thyroid Protection** (page 20)

**Made-to-Measure Protection** (possible on an individual basis, see dimension sheet page 51)

**Replacement Stretch Insert** (adapted via zipper)