

# Balance RA631

## Complete protection and comfort with our radiation protection vest and skirt combination

The radiation protection vest and skirt combination offers you comprehensive protection and maximum wearing comfort. Here are the highlights:

- ✔ **Overlapping Front Panels:** The front panels of the vest and skirt overlap completely in order to provide the desired protection.
- ✔ **Perfect Fit:** The vest and skirt fit perfectly and are extremely comfortable, even when worn for long periods of time. The weight is evenly distributed, which ensures a high level of comfort.
- ✔ **Durability and Safety:** Shoulder pads that are included as a standard and a snap fastener at the bottom of the skirt ensure a secure and comfortable fit.
- ✔ **High-quality Hook and Loop Fasteners:** The vest and skirt feature high quality hook and loop fasteners for an easy fit and durability.
- ✔ **Certified Protection:** Type testing and certification in accordance with (EU) 2016/425, IEC 61331-1:2014 / DIN EN 61331-1:2016 and IEC 61331-3:2014 / DIN EN 61331-3:2016

Optionally, the vest can be fitted with a 16 cm wide, **button-on stretch belt**. This provides even more weight relief for the shoulders and also supports the back.

### Protection/Lead Equivalent Standard Collection

NovaLite® Plus or Leadfree 2.0



#### Front:

0.25 mm Pb, 0.35 mm Pb or 0.50 mm Pb

Back generally:  
0.25 mm Pb

### Protection/Lead Equivalent Levio Edition

NovaLite® Plus or Leadfree 2.0



#### Total value Levio-Panel:

0.42 mm Pb or 0.50 mm Pb (outside 0.25 mm Pb)

Back generally:  
0.25 mm Pb



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.



ALL-ROUND PROTECTION

Experience comfort and comprehensive protection with our radiation protection vest and skirt combination - ideal for long periods of wear and the highest standards when it comes to safety and comfort.



## Patented Safety Features

### I. Colour-accentuated Safety Zones

The special safety zones on the sides and in the shoulder area in the color "Titan" already offer the full protection of the front part. These zones ensure that you are always fully protected.

**II. Protection Zone** If the end of the front panels of the vest and the skirt are in the clearly visible zone, 60% of your body circumference is covered by the front protection value.

### Levio® Edition

The costume RA631 is also available in our Levio Edition. Optimized weight-to-protection ratio: Instead of a uniform lead equivalent across the entire front area, Levio protects - from above the chest to below the gonads - with a higher lead equivalent.

### Shoulder Relief System

Combined the vest with our shoulder relief system BRYGGA.

### Outlast® – Ideal Temperature for Well-being

Optionally, the costume RA631 can be equipped with Outlast technology. The Outlast® inlay material absorbs heat specifically, stores and releases it again when needed.



BRYGGA Shoulder Relief



Outlast Temperature Regulation

### Higher Protection – Levio Edition

The area with the reinforced protective material is clearly recognisable by its colour.

### Back Relief

The elastic insert in the back of the skirt makes it easier for users to maintain their posture in daily routines. It can be easily replaced if necessary, thanks to a zip.

### Free Movement

For greater freedom of movement, the skirt has a cut-out in the back. Of course, the knees are still optimally protected at the front and sides.

### Overlapping Area

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



### Outer Material

Colours  
(see front page)



Optional:  
Comfortex® HPMF,  
Comfortex® HPMF Hybrid

### Sizes

from XS to 3XL  
(see front page)



Skirt length / Body height:  
65 cm / 150 - 170 cm  
70 cm / 170 - 180 cm  
75 cm / 180 - 190 cm  
80 cm / 190 - 200 cm

### Optional



On request:  
Outlast  
BRYGGA  
Sleeves  
Stretch belt (external)  
Breast pocket  
Embroidery  
Made-to-measure protection

### Accessories/Replacement

Bolero  
Thyroid/sternum protection



Stretch insert skirt  
(Adjustment via zip)  
Stretch belt vest  
(Adjustment via  
snap fastener)

**To: INTERMED SRL.**

Albisoara 64/2 Street, Chisinau, Republic of Moldova, MD 2005

Munchen, 31<sup>st</sup>. March/ 2025

## Statement

Subject: tender no. **In relation to the tender no. 21382551 / ocds-b3wdp1-MD-1742310160931 - purchase of Medical Devices (Achiziționarea angiografului conform necesităților IMSP Institutul de Cardiologie (repetat 2)).**

We MAVIG GmbH, Stahlgruberring 5, 81829 Munich, Germany, manufacturers of X-ray Protective Clothing & Accessories, herewith do confirm:

1. Xray protection Costume Balance RA631  
(nominal value is achieved with the tolerance of 7% specified in IEC 61331-1:2014 in the tube voltage range of 50-150 kV)

Specially requested Skirt will be produced:

Skirt: front 0.75mmPb; back/lateral 0.5mmPb. Velcro closure. Waist/hip circumferences 107cm; Length 65cm.

Vest: 0.5mm Pb, fitted with a 16cm wide, button-on stretch belt. Chest circumferences 106cm. Length 65cm.

**MAVIG GmbH**  
**Ales DEJAK,**



**Area Manager Southeast Europe- International Sales**

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