

# Extended RA641

## FRONT PROTECTION APRON

Radiation protection aprons are already part of the standard equipment in various specialized applications, such as urology, anaesthesiology, etc. Most aprons commonly used these days are designed for working in standing positions. However, especially in the examples mentioned, interventions are often carried out in a seated position.

### Protection/Lead Equivalent Standard Collection

NovaLite, Leadfree  
or Standard lead



#### Front:

0.25 mm Pb, 0.35 mm Pb  
or 0.50 mm Pb

Back generally:  
0.25 mm Pb

- ✔ Suitable for various, seated applications with only frontal radiation exposure
- ✔ Integrated gonad protection for the sitting position
- ✔ Ideal fit, maximum comfort for the wearer
- ✔ Soft shoulder pads as standard equipment
- ✔ Closure options: Straps with snap buckle (standard, in the front) or two snap buckles (optional, in the back)
- ✔ 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

The RA641 model offers two different variants for closing the apron:

- A) **Strap closure with snap buckle**  
Standard, in the front
- B) **Double snap buckle closure**  
Optional, in the back



Sizes\*, recommended for:

XS	Chest girth ≤ 84 cm	Waist/hip girth ≤ 91 cm
S	Chest girth approx. 85 - 95 cm	Waist/hip girth approx. 92 - 102 cm
M	Chest girth approx. 96 - 106 cm	Waist/hip girth approx. 103 - 112 cm
L	Chest girth approx. 107 - 117 cm	Waist/hip girth approx. 113 - 123 cm
XL	Chest girth approx. 118 - 128 cm	Waist/hip girth approx. 124 - 134 cm
XXL	Chest girth approx. 129 - 139 cm	Waist/hip girth approx. 135 - 145 cm
3XL	Chest girth approx. 140 - 150 cm	Waist/hip girth approx. 146 - 156 cm

\* The size depends on the girth of the chest, waist, or hip, depending on which of the three measurements is the largest.



# FRONT PROTECTION APRON

# EXTENDED RA641



Outlast Temperature Regulation

## For Sitting Positions Especially

In order to ensure sufficient protection even when sitting, a gonad protection has been attached to the inside of the apron. This hangs protectively in front of the gonads, while the apron rests on the legs.

The new design effectively prevents the apron from slipping down the legs and exposing them. The larger side panels in the lower part keep the apron in position also during movement.

When you are standing, the RA641 also guarantees complete X-ray protection from neck to knees.



### Elastic belt

Well thought-out relief, exchangeable – the innovative, elastic belt, located on the inside of the front protection, supports most of the apron's weight on the hips. This relieves stress on the back and shoulders.

### Removable Gonad Protection

The gonad protection which is attached with a hook-and-loop fastener can be simply removed for weight reduction while standing.

### Correct Length!

For seated work, the apron should be chosen 10 cm longer than the length that corresponds to your body height, so that the knees are also covered. (see here: "Lengths, recommended height of user")

### Side Flaps

The side flaps of the lower part of the apron can simply be fastened together in the back, so that they do not interfere with movement and you can work unrestrictedly.



### Outer Material

Colours  
(see front page)



Optional:  
ComforTex® HPMF,  
ComforTex® HPMF Hybrid

### Sizes

from XS to 3XL  
(see front page)



Lengths / Body height:  
90 cm / 150 - 160 cm  
100 cm / 160 - 170 cm  
110 cm / 170 - 180 cm  
120 cm / 175 - 190 cm  
130 cm / 185 - 195 cm  
140 cm / 195 - 205 cm

### Optional



On request:  
Outlast  
Sleeves  
Breast pocket  
Embroidery  
Made-to-measure protection

### Accessories/Replacement

Bolero  
Thyroid/sternum protection



Inner belt  
(Adjustment via zip)  
Gonad protection  
(Adjustment via  
hook-and-loop fastener)