

RAYFLEX JACKET 1.0 mm*

RADIATION PROTECTION AGAINST IONIZING RADIATION

LEAD-FREE

* 1mm = the thickness of the RayFlex jacket (the equivalent lead thickness = 0.3mm)



Contains **two radiation protection sheets**
(RayFlex material)

Lead free - Non-toxic

Flexible and light

Good protection and resistance

Homogeneity of performance

Flexibility



Mechanical properties

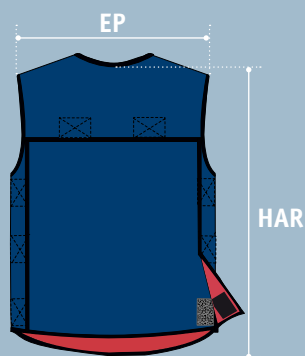


Chemical resistance



Price

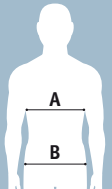




DIMENSIONS OF THE JACKET

SIZE	P	BV	HAV	HAR	EP	WEIGHT
M	61 cm	56 cm	71 cm	75 cm	51.6 cm	4.2 Kg
L	65 cm	60 cm	75 cm	79 cm	54 cm	4.4 Kg
XL	69 cm	64 cm	79 cm	83 cm	56.4 cm	4.6 Kg
XXL	77 cm	71 cm	91 cm	92 cm	60 cm	5 Kg

SIZE	A (maximum)	B (maximum)
M	57 cm	53 cm
L	61 cm	57 cm
XL	68 cm	63 cm
XXL	77 cm	71 cm



PROPERTIES OF A JACKET WITH DOUBLE SHEETS

The properties below are given for a jacket containing two sheets. RayFlex radiation protection material and an antimicrobial polyamide textile.

RADIATION PROTECTION PROPERTIES (low energy: 20-150 KeV)

Gamma and X rays	0.30 mm lead equivalence
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MECHANICAL PROPERTIES

Rupture resistance ⁽¹⁾	> 100 DaN / 5 cm
Tear resistance ⁽²⁾	> 1.5 DaN
Perforation (1.5 mm) ⁽³⁾	> 5.5 DaN

⁽¹⁾ EN Iso 1421 ⁽²⁾ NFG 37128 ⁽³⁾ EN 963

PHYSICAL AND CHEMICAL PROPERTIES (Temperature range: -20 to +90° C)

Alcohols	+++
Acids, bases	+++
Strong oxidizers	+++
Ozone, UV, free radicals, natural aging	++
Ketonic solvents	+++
Chlorinated solvents	-
Solvents and aromatic oils	+++
Solvents and aliphatic oils	++

- Not recommended + Usable under certain conditions ++ Suitable +++ Recommended

QUALITY CONTROL

35 control points: seams / closures / attachments / openings / fasteners

MAINTENANCE TIPS

- Storage in the original packaging between + 5° C and + 25° C
- Expiration: 3 years in the original packaging
- Wash with soapy water, rinse with clean water and dry in a stream of air at low temperature (< 40° C)

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