

## *Panoramate Lite*

Full body and respiratory protection for highly contaminated environments



**Panoramate 3550 Lite**



**Panoramate 2550 Lite**

### *Description*

Exceptional full body and respiratory protection for highly contaminated environments. Designed for use with powered air purifying respirator CleanAIR® Chemical 2F. Maximum durability, low weight, excellent field of vision and freedom of breathing guarantee exceptional comfort for the user.

### *Application*

- First responders and emergency teams
- Viral and biological protection
- Remediation operations
- Nuclear industry
- Laboratories
- Pharmaceutical industry

# TECHNICAL DATASHEET

## *Panoramate Lite*

Full body and respiratory protection for highly contaminated environments

<i>Size chart</i>	<i>S</i>	<i>M</i>	<i>L</i>	<i>XL</i>	<i>XXL</i>
Figure height [cm]	156–164	164–172	172–180	180–188	188–196
Chest girth [cm]	86–94	94–102	102–110	110–118	118–129
Inside leg length [cm]	70–75	75–80	80–85	85–90	90–95

### *Technical specification*

	<b>Panoramate 2550 Lite</b>	<b>Panoramate 3550 Lite</b>
Product code	922550*	923550*
Material	Garment: MF (Microporous PE laminated nonwoven) Visor: BoPET (Polyester)	Garment: CPM® (PE laminated nonwoven) Visor: BoPET (Polyester)
<b>Standard</b>	<b>Class EN</b>	<b>Class EN</b>
EN 12941+A1:2009 <sup>1</sup>	TH3	TH3
EN 1073-1:2019 <sup>2</sup>	Class 3	Class 3
EN 14605+A11:2009 <sup>3,4</sup>	Type 4	Type 3 and 4
EN ISO 13982-1:2004 <sup>5</sup>	Type 5	Type 5
EN 13034+A1:2009 <sup>6</sup>	Type 6	Type 6
EN 14126:2004	4-B, 5-B, 6-B	3-B, 4-B, 5-B, 6-B

\* Add S/M/L/XL/XXL for the required size

1 Respiratory protective devices – Powered filtering devices incorporating a helmet or a hood

2 Protective clothing against particulate radioactive contamination

3 Protective clothing against liquid chemicals – liquid-tight

4 Protective clothing against liquid chemicals – spray-tight

5 Protective clothing for use against solid particulates

6 Protective clothing against liquid chemicals – splash-resistant

7 Protective clothing against infective agents

### *Compatible accessories and spare parts*

### *Product code*

CleanAIR® Chemical 2F – with comfort belt, battery, charger and flow indicator	510000 FCA
CleanAIR® Chemical 2F – with decont. PVC belt, battery, charger and flow indicator	510000 FDA
CleanAIR® MedicAER	51M000
QuickLOCK™ Light flexi hose	710060
Garment grommet	700055
Decontamination cover for garment grommet (pck of 2)	700056
Filter ZERO, with two threads RD40x1/7", pack of 5	500249/5
Filter A2P3 ZERO, with two threads RD40x1/7", pack of 3	500257/3
Filter NBC - A2B2E2K2P3, with two threads RD40x1/7", pack of 3	500265X/3
Filter A2B2E2K2P3 ZERO, with two threads RD40x1/7", pack of 3	500268/3

# TECHNICAL DATASHEET

## ***Panoramate Lite***

Full body and respiratory protection for highly contaminated environments

### *Chemical penetration according to EN 6530:2005 – CleanAIR® Panoramate 2550 Lite*

<b><i>Chemical</i></b>	<b><i>Physical state</i></b>	<b><i>CAS</i></b>	<b><i>Repelency index</i></b>
Sulphuric Acid 30%	Liquid	7664-93-9	98,2%
Sodium Hydroxide 10%	Liquid	1310-73-2	98,1%
o-xylene	Liquid	67-63-0	94,7%
Butan-1-ol	Liquid	71-36-3	95,2%

### *Chemical permeation according to EN 6529:2002, method A – CleanAIR® Panoramate 3550 Lite*

<b><i>Chemical</i></b>	<b><i>Physical state</i></b>	<b><i>CAS</i></b>	<b><i>Repelency index*</i></b>
Benzalkonium chlorides 10%	liquid	63449-41-2	> 480 min.
Chromium oxide 60%	Liquid	1333-82-0	> 480 min.
Glutaraldehyde 60%	Liquid	111-30-8	> 480 min.
Hydrofluoric acid 50%	Liquid	7664-39-3	> 480 min.
Hydrogen peroxide 33%	liquid	7722-84-1	> 480 min.
Pure isopropanol	Liquid	67-63-0	> 480 min.
Sodium hypochlorite 10-15%	Liquid	7681-52-9	> 480 min.
Caustic soda 40%	Liquid	1310-73-2	> 480 min.
Oxalic acid saturated	Liquid	144-62-7	> 480 min.
Peracetic acid 10%	Liquid	79-21-0	> 480 min.
Phosphoric acid 37%	Liquid	7664-38-2	> 480 min.
Nitric acid 69%	Liquid	7697-37-2	> 480 min.
Hydrochloric acid 37%	Liquid	7647-01-0	> 480 min.
Sulphuric acid 96%	Liquid	7664-93-9	> 480 min.
Hydrogan peroxide 32%	Liquid	7722-84-1	> 480 min.

\* Tests are performed independently and reflect the properties of the fabrics only under controlled laboratory conditions. The results are not intended to be understood as the "safe use" period of protective clothing.

### ***Disclaimer Notice***

All the information contained herein is believed to be accurate and is subject to change without notice. Users should independently evaluate the suitability of each product for their own applications.