

## ***Protective Hood CA-12 with Garment Interface (white)***

Protective hood designed for demanding environments, specifically for use with protective coveralls



### ***Description***

The CA-12 is a protective hood featuring a unique interface for secure connection to protective coveralls. This design allows residual air from the hood to slightly pressurize the suit, enhancing respiratory protection and improving user comfort. Fully compatible with CleanAIR® powered air purifying respirators and CleanAIR® airline systems.

### ***Application***

Designed for use in emergency response, decontamination procedures, as well as industrial applications requiring high-level respiratory protection and improved overall safety.

# TECHNICAL DATASHEET

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### ***Technical Specification***

Product code	721204		
Weight	205 g		
Dimensions	550 mm / 210 mm / 270 mm		
Materials	Visor: cellulose propionate Fabric: Polyester/ Polyuretan		
Input air distribution connection	QuickLOCK™		
Standard	EN 12941	EN 14594	EN ISO 16321-1
Protection class / NPF	TH3 / 500	3A / 200	1 CT 3 4 5 N
Storage conditions	- 10°C to + 55°C, humidity 20 - 95 % RH		
Operating conditions	0°C to + 60°C, humidity 20 - 95 % RH		

### ***Material Specification***

	<b><i>Value</i></b>	<b><i>Test Method</i></b>
Total weight	140 [+/-10] g/m <sup>2</sup>	ISO 3801/5
Weight of fabric [PES]	55 [+/-5] g/m <sup>2</sup>	ISO 3801/5
Weight of coating [PU]	85 [+/-5] g/m <sup>2</sup>	ISO 3801/5
Breaking strength warp	170 N/5cm	ISO 13934 2013
Breaking strength weft	150 N/5cm	ISO 13934 2013
Breaking extension warp	60 %	ISO 13934 2013
Breaking extension weft	120 %	ISO 13934 2013
Tear strenght warp	20 N	ISO 4674A1
Tear strenght weft	30 N	ISO 4674A1
Adhesion warp	15 N/22mm	DIN 53357
Adhesion weft	12 N/22mm	DIN 53357
Waterproofness before washing	OK:2000 G M D mm	ISO 811
Waterproofness after washing	OK:2000 G M D mm	ISO 811
Shrinkage after washing warp [95°C]	0 [+/-4] %	ISO 5077
Shrinkage after washing weft [95°C]	0 [+/-1] %	ISO 5077
Flammability	OK:crib 5	BS 7175 (1989)
Breathability 37°C / 65% R.H	500 g/m <sup>2</sup> /24h	INVERTED CUP
Mold and fungal resistance	OK	

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<b><i>Compatible powered air purifying respirators / airline systems</i></b>	<b><i>Standard / Class</i></b>
CleanAIR® Basic	EN 12941 / TH3
CleanAIR® AerGO®	EN 12941 / TH3
CleanAIR® Chemical 2F Plus	EN 12941 / TH3
CleanAIR® Chemical 3F Plus	EN 12941 / TH3
CleanAIR® MedicAER	EN 12941 / TH3
CleanAIR® Pressure Flow Master	EN 14594 / 3A

<b><i>Compatible accessories and spare parts</i></b>	<b><i>Product code</i></b>
Headband for light headtops	720001
Sweatband for light headtops - pack of 5 pcs	167003/5
Protection foil – 10 pcs	700120/10
Hose cover chemical resistant	700062C
Light flexi hose QuickLOCK™	710060
Rubber hose QuickLOCK™	710086
CleanAIR VariCap, including headgear with paddings	720030
Headgear VariGEAR Comfort incl sweatband and paddings, w/o mounting set	720010

### ***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. CleanAIR® products are not designed for, and may not be used in, all applications.