

## ***Chemically resistant hood CA-10***

Chemically resistant long protective hood with air distribution



### ***Description***

Universal long protective hood with enhanced resistance to chemicals and taped seams. Compatible with powered air purifying respirators and continuous flow breathing apparatuses CleanAIR.

### ***Application***

It is suitable for spraying and painting operations as well as for use in laboratories and pharmaceutical or chemical industries.

# TECHNICAL DATASHEET

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### ***Technical specification***

Product code	72 10 02		
Weight	205 g		
Dimensions	550 mm / 210 mm / 270 mm		
Materials	Visor: cellulose propionate Textile part: laminated polyethylene (PP+PE) Head harness: polypropylene		
Input air distribution connection	QuickLOCK™		
Standard	EN 12941	EN 14594	EN 166
Protection class / NPF***	TH3 / 500	3A / 200	1SF
Storage conditions	- 10°C to + 55°C, humidity 20 - 95 % Rh		
Operating conditions	0°C to + 60°C, humidity 20 - 95 % Rh		

### ***Material (fabric) data:***

Basis weight: 95 g/m<sup>2</sup>

### ***Certification:***

Type 3	EN 14605
Type 5	EN ISO 13982-1
Antistatic	EN 1149-5
Biological barrier	EN 14126
Against radioactive contamination	EN 1073-2

### ***Permeation data CPM - EN 369:***

<b><i>Chemical</i></b>	<b><i>Physical state</i></b>	<b><i>CAS</i></b>	<b><i>EN 369</i></b>
Benzalkonium chlorides [10%]	Liquid	63449-41-2	> 480 min.
Chromium oxide [60%]	Liquid	1333-82-0	> 480 min.
Glutaraldehyde [20%]	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.

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Phosphoric acid [85%]	Liquid	7664-38-2	> 480 min.
Nitric acid [69%]	Liquid	7697-37-2	387 min. / > 480 min.
Hydrochloric acid [37%]	Liquid	7647-01-0	> 480 min.
Sulfuric acid [96%]	Liquid	7664-93-9	> 480 min.
Hydrogen peroxide [32%]	Liquid	7722-84-1	> 480 min.

### ***Material properties:***

<b><i>Fabric physical properties</i></b>	<b><i>Test method</i></b>	<b><i>Unit</i></b>	<b><i>Result</i></b>	<b><i>EN Class</i></b>
Abrasion resistance	EN 530	Cycles	>100<500	2 / 6
Blocking	EN 25978	N	No blocking	2 / 6
Flex cracking resistance	EN ISO 7854	Cycles	>5.000<15.000	3 / 6
Puncture resistance	EN 863	N	13,5	2 / 6
Trapezoidal tear resistance	EN ISO 9073-4	N	76,8 L / 57,4 Q	3 / 6
Seam strength	EN ISO 13935-2	N	147,7	4 / 6
Ignition resistance	EN 1146		No further flaming, no drop information	
Surface resistivity	EN 1149-1	Ohm	$1,9 \times 10^7$	
Biological barrier	EN 14126	Pass		

<b><i>Compatible powered air purifying respirators / airline systems</i></b>	<b><i>Standard / Class</i></b>
CleanAIR® Basic	EN 12 941 / TH3
CleanAIR® AerGO®	EN 12 941 / TH3
CleanAIR® Chemical 2F Plus	EN 12 941 / TH3
CleanAIR® Chemical 3F Plus	EN 12 941 / TH3
CleanAIR® MedicAER	EN 12 941 / TH3
CleanAIR® Pressure Flow Master	EN 14594 / 3A

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### ***Compatible accessories and spare parts***

### ***Product code***

Headband for light headtops	72 00 01
Sweatband for light headtops - pack of 5 pcs	16 70 03/5
Protection foil – 10 pcs	70 01 20/10
Hose cover chemical resistant	70 00 62C
Light flexi hose QuickLOCK™	71 00 60
Rubber hose QuickLOCK™	71 00 86

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