

TECHNICAL DATASHEET



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.



Techware Pty Ltd
ABN: 13 914 775 899
Phone: 1300 062 947
Email: sales@maxisafe.com.au
Website: www.maxisafe.com.au

Techware Pty Ltd
PO Box 4220
Hoppers Crossing
VIC 3029
Australia

DA-030_-_721002_-_CA-10_-_EN

© CleanAIR® All rights reserved

Revision: 2021_04_19
Output: 2021_04_19

TECHNICAL DATASHEET



Chemically resistant hood CA-10

Chemically resistant long protective hood with air distribution

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 ²
---------------	---------------------

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:

<i>Chemical</i>	<i>Physical state</i>	<i>CAS</i>	<i>EN 369</i>
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.

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.

TECHNICAL DATASHEET



Chemically resistant hood CA-10

Chemically resistant long protective hood with air distribution

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:

<i>Fabric physical properties</i>	<i>Test method</i>	<i>Unit</i>	<i>Result</i>	<i>EN Class</i>
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 x 10 ⁷	
Biological barrier	EN 14126	Pass		

<i>Compatible powered air purifying respirators / airline systems</i>	<i>Standard / Class</i>
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

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.

TECHNICAL DATASHEET

Chemically resistant hood CA-10

Chemically resistant long protective hood with air distribution



<i>Compatible accessories and spare parts</i>	<i>Product code</i>
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

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.