TECHNICAL DATASHEET



Protective hood for helmet

Splash resistant



Description

Protective hood suitable for use in combination with the CleanAIR safety helmet CA-40, face shields, or protective hoods as additional protection against splashes.

This protective hood must be used in combination with a CleanAIR PAPR system and a compatible protective headtop, as it is not classified as personal protective equipment when used alone.

Application

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



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DA-138_-_704170_-_Protective hood for helmet_-_EN

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Revision.: 2025_04_29 Output.: 2025_04_29

TECHNICAL DATASHEET

Protective hood for helmet

Chemical resistant



Technical specification	
Product code	704170/10 (pack of 10 pcs)
Weight	67 g
Dimensions	580 mm / 320 mm / 300 mm
Materials	Visor: PET Textile part: Microporous film (MF), Basis weight: 65 g/m²
Storage conditions Operating conditions	– 10°C to + 55°C, humidity 20 - 95 % Rh 0°C to + 60°C, humidity 20 - 95 % Rh

Material resistance to liquid penetration according to EN ISO 6530

Chemical	Penetration EN Class	Repellency EN Class
Sulfuric acid (30%)	3	3
Sodium hydroxide (10%)	3	3
0-Xylene	3	3
1-Butanol	3	3

Resistance to penetration by infectious agents EN 14126

Physical properties	Test method	Unit	Result	EN Class
Contaminated liquids under hydrostatic pressure	ISO 16603/ISO 16604	kPa	7	4
Through mechanical contact with sub- stances containing contaminated liquids.	ISO 22610	min	>75	6
Contaminated liquid aerosols.	ISO 22611	CFU log	>5	3
Contaminated solid particles.	ISO 22612	CFU log	≤1	3

Material properties

Physical properties	Test method	Unit	Result	EN Class
Abrasion resistance	EN 530 (Method 2)	Cycle	> 2000	6
Flex crack resistance	ISO 7854 (Method B)	Cycle	> 100,000	6
Tear resistance	ISO 9073-4	Ν	MD 21 N - CD 37N	2
Tensile strength	EN ISO 13934-1	Ν	MD 130 N - CD 56 N	1
Puncture resistance	EN 863	Ν	50 > N > 100	2
Seam strength	EN ISO 13935-2	Ν	87	3
Surface resistance	EN 1149-1	Ohm	< 2.5 x 10 Ohm	Passed

CFU = Colony-Forming Units, kPa = Kilopascal, min = minute, N = Newton

Disclaimer Notice

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Compatible CleanAIR headtops

CleanAIR® CA-40 Safety helmet with grinding visor

CleanAIR® UniMask Protective faceshield

CleanAIR® Omnira air Protective faceshield

CleanAIR® CA-1, CA-2, CA-10 Protective hood

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