TECHNICAL DATASHEET

CleanAIR®

www.clean-air.cz

PROTECTIVE HOOD FOR HELMET, CHEMICAL-RESISTANT

CHEMICAL SPLASH PROTECTION FOR SAFETY HELMETS



Description

A chemical-resistant protective hood worn over a compatible safety helmet. Manufactured from CPM material with sealed seams, it provides enhanced protection against chemical splashes while maintaining a secure and reliable fit.

Application

Suitable for applications where enhanced protection against chemical splashes is required.

The image is for illustrative purposes only. Appearance may vary.

Malina Safety®

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Technical specification	
Product code	704171
Packaging	Pack of 10 pcs (order code 704171/10)
Weight	80 g (per piece)
Dimensions	Approx. 52 cm (H) / 30 cm (W) / 28 cm (D)
Materials	Textile part: CPM - imperviable laminated PE/PP, yellow Visor: BoPET
Storage conditions	– 10°C to + 55°C, humidity 20 - 95 % RH
Shelf life	10 years from the date of manufacture (unused, in original packaging). Protect from direct sunlight (UV).
Operating conditions	0°C to + 60°C, humidity 20 - 95 % RH

Material properties	*Test method*	*Value*	*EN Class*
Basis weight	DIN ISO 536	95 g/m²	—
Abrasion resistance	EN 530:2010	> 2000 cycles	6 / 6
Tensile strength	EN ISO 13934-1:2013	MD 140 / CD 85 N	2 / 6
Tear resistance	ISO 9073-4:1999	MD 77.5 / CD 44.7 N	3 / 6
Puncture resistance	EN 863:1997	16 N	2 / 6
Surface resistance	EN 1149-1 / EN 1149-5	< 2.5 × 10^9 Ω	—

EN Class: class achieved / maximum class. MD = machine direction, CD = cross direction.

Tested system performance	
Test standard	EN 12941 — Total Inward Leakage (TIL)
Classification achieved	TH3 (tested with the CA-40 safety helmet)
Total inward leakage — limit for TH3	0.2 %
Total inward leakage — measured	≤ 0.001 %

Performed with the CleanAIR® Chemical 2F PAPR at 160 l/min. The CA-40 safety helmet retains its TH3 classification when used with this protective hood.

Compatible CleanAIR headtops
CleanAIR® CA-40 safety helmet
CleanAIR® UniMask mounted on a safety helmet (for compatible safety helmets, see the UniMask user manual)

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.