TECHNICAL DATASHEET

www.clean-air.cz

CleanAIR® CA-40GHS

SAFETY HELMET WITH GRINDING AND HEAT-SHIELD VISOR



* the picture is illustrational only and may vary depending on additional equipment

Description

Safety helmet with integrated air distribution, equipped with a grinding visor and a heat-shield visor. Provides protection of the head, eyes, face and respiratory system, and is complemented by a heat-resistant protective hood with neck protection.

Application

Foundries, metal processing, steelworks, heavy industry, and other industrial environments with high thermal load.

MALINA - Safety s.r.o.
Luční 11, 466 01 Jablonec n. Nisou, Czech Republic
Tel.: +420 483 356 600, Email.: export@malina-safety.cz
Web.: www.malina-safety.cz / www.clean-air.cz

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Technical specification

Product code	704300
Weight	1440 g
Dimensions	Width: 270 mm; Height: 350 mm; Depth: 340 mm
Grinding visor dimensions	280 x 150 mm
Heat-shield visor dimensions	260 x 240 mm
Materials	Safety helmet: PA66-HI Grinding visor: PC, anti-fog + anti-scratch coating (applies for all class 1 visors) Heat-shield visor: PC, gold-plated, anti-scratch coating Heat resistant hood with neck protection: Aluminised para-aramid, 500 gr/m² Hose cover - heat-shield: Aluminised para-aramid, 500 gr/m²
Standard / Protection class	EN 12941 TH3 EN 14594 3B EN 166 1 A 9 K N (Grinding visor) EN ISO 16321 W6 R6 1 (Heat-shield visor) EN 397 MM EN ISO 11612 A1 B1 C3 D3 E3 F1 (Heat resistant hood with neck protection)
Heat protection performance	Applies to heat-resistant hood with neck protection (EN ISO 11612): **A1** – Basic protection against brief contact with flame (surface ignition); no flame spread, afterflame and afterglow ≤ 2 s **B1** – Basic protection against convective heat (hot air exposure); heat transfer delay 4 to <10 s at 80 kW/m² **C3** – High-level protection against radiant heat; heat transfer delay 50 to <95 s at 20 kW/m² **D3** – High-level protection against molten aluminium splash (≥ 350 g) **E3** – High-level protection against molten iron splash (≥ 200 g) **F1** – Basic protection against contact heat; heat transfer delay 5 to <10 s at 250 °C
Input (threads)	QuickLOCK®
Storage conditions Operating conditions*	– 10°C to + 55°C, humidity 20 - 95 % Rh 0°C to + 55°C, humidity 20 - 95 % Rh

** The operating temperature range applies to the ambient air temperature and the operational limits of system components.* ***Heat protection*** *is provided by certified heat-resistant accessories and is* ***independent of the operating temperature limit****.*

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Compatible accessories and spare parts	*Product Code*
Spare grinding visor for CA-40, class 1, clear	704103
CA-40 faceseal	704060
Easy-care faceseal for CA-40	704062
Headband	704041x
Sweatband	704044
Spare visor for CA-40, external heat-shield, incl. holders	704302
Neck protection for CA-40, heat-shield, visor-mounted	704366
Protective hood CA-40, heat resistant, incl. neck protection	704370
Light flexi hose QuickLOCK™	710060
Hose cover flameproof	710062F
Hose cover - heat-shield (aluminised)	710063
Spare protective heat visor V8, gold-plated, pck of 10 pcs	729218/10

Compatible powered air purifying respirators / airline systems	*Standard / Class*
CleanAIR® AerGO®	EN 12941 TH3
CleanAIR® Chemical 2F Plus (recommended)	EN 12941 TH3
CleanAIR® Chemical 3F Plus	EN 12941 TH3
CleanAIR® Basic (not recommended)	EN 12941 TH3
CleanAIR® Pressure	EN 14594 2A
CleanAIR® Pressure Flow Master	EN 14594 3B

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.