HELMET WITH INTEGRATED FACE SHIELD, CHIN CUP, AND NECK PROTECTION, FLASH ARC CLASS 2 & ATPV 14 cal/cm²

MO-180-ARC12

Electrician's helmet with integrated face shield and chin cup
Insulating shell up to 20 kV (ANSI Z89.1)
Arc flash Class 2 (IEC 61482-1-2/GS-ET-29) and ATPV 14 cal/cm² (ASTM F2178)

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TECHNICAL FEATURES

- Protection of the head against mechanical shocks.
- Insulating shell up to 20 kV (ANSI Z89.1) - 7.5 kV (IEC).
- High density polypropylene shell.
- Protective face shield: resistance to the energy and heat of the electric arc - ARC FLASH protection class 2 and ATPV 14 cal/cm².
- Light grey panoramic screen in anti-fog treated polycarbonate, thickness > 1.4 mm.
- Screen completely retractable inside the helmet. Easy handling, even with gloves.
- Removable and washable neck protection.
- Adjustable textile chinstrap, with four fixing points for the passage of the ears and very easy closing by "clip" manipulated with gloves.
- Adjustable size from 52 to 64 cm with a thumbwheel, easy to handle with gloves.
- Six-point textile headgear with height adjustment (5 mm intervals).
- Recommended use of 5 years.

Chin strap

Fastening clips of the chin strap

Adjustable ratched

6 points headgear

Adjustment of the height of the headgear

WEIGHT

- Weight: 800 gr

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STANDARD

- **Shell :**

- EN 397/A1 440V: protective helmet for industry with requirements for electrical properties.
- EN 50365 class 0: electrically insulating protective helmet for use on LV installations.
- Classe E 20 kV selon ANSI Z 89.1: industrial helmet and insulators.

- **Face shield:**

- IEC 61482-1-2 / GS-ET-29 APC 2: Protection against electric arc of short-circuit and class 2 transmission (Light transmission value: 43%).
- ASTM F2178 : ATPV 14 cal/cm²
- EN 166 / EN 170: personal eye protection
    - Transmittance and step number 2C-2. (UV protection)
    - Optical class: 1
    - Protection against particles thrown at high speed: symbol B (medium energy impact: 120 m/s)
    - Protection against droplets and liquid projections: symbol 3
    - Protection against electric arc from short circuit: symbol 8
    - Arc flash protection according to GS-ET-29 (7 kA ~ 423 kJ/m² open box test)
    - Light transmission class (50% < VLT) according to GS-ET-29

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OPTIONAL ACCESSOIRIES

M-87384: Cotton protective cover

MO-180-ARC12-VISOR : Replacement face shield
Easy replacement of the face shield if it is damaged, thanks to a screw system that can be handled without tools.

MO-180-ARC12-CC : Spare neck protection cover.
Easy replacement of the neck cover if it is damaged or if it needs to be washed, thanks to a Velcro system adapted to the flash arc risk.

M-881838 : Red and white Velcro for helmet for identification of the worker in charge.

M-883158 : Red and yellow Velcro for helmet for identification of the in charge of works and lock out.

M-882671 : Chinstrap + spare cap with chin strap.

M-881836 : Replacement padded headband.

MS-124/2 : LED headlamp with special helmet holder.

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