



## TC402B

➔ Electrician Helmet with integrated Arc-Flash face shield, Class 2, ATPV 8,4 Cal/cm<sup>2</sup>, White

### STANDARDS

Safety helmet : EN 397, EN 50365 (Class 0), ANSI Z89.1 (Class E),  
Face-shield : EN 166, ASTM F 2178 (ATPV 8,4 Cal/cm<sup>2</sup>),  
GS-ET-29 (Class 2)

### USE

Protection against thermal effect from an electric Arc : Class 2 (Box test - 7KA / 0,5 sec) with arc rating up to 8 Cal/cm<sup>2</sup> (Open Arc). Can be used in addition with a balaclava with ATPV 12 Cal/cm<sup>2</sup> (Réf. ARCCAG10), or with dedicated FR Fabric Lateral protection (Ref. TC402LP)

### ADVANTAGES

- Integrated face shield, with green lens,
- Chin and neck protection, modular and retractable,
- Light and compact set

### TECHNICAL SPECIFICATIONS

Safety Helmet : Shell in ABS material, with chin strap 4 points, with quick release system, Stroke absorption after conditioning in temperatures of -30°C and + 50°C, Resistance to penetration after conditioning in temperatures of -30°C and + 50°C, Protection against molten metal splash (MM), Protection against lateral deformations (LD), Protection against electric shock : 1 000V (AC), 1 500V (DC) regarding EN 50365 (Class 0), and up to 20 000 V (AC) regarding ANSI Z89.1 (Class E)  
Adjustment range of head circumference : 53-63 cm

#### Face Shield :

Optical class 1, > 50% VLT < 75%,  
Protection against UV radiation (2C – 1,2)  
Protection against thermal hazards of an electric arc :  
Class 2 = Box Test 7KA / 0,5 sec. and Arc rating 8,4 Cal/cm<sup>2</sup>,  
Stroke absorption of average energy (speed of stroke up to 120 m/s – mass of the ball 0,86 gr) (B),  
Protection against liquid drop and splash (3),  
Protection against molten metal and hot solid substances (9),  
Resistance to fogging (N)

Lifetime up to 60 months

Document not contractually binding, errors and omissions excepted.

