



# ProGARM® 2690 Safety Helmet 24cal With Integrated Face Shield

## EN Symbols

	
Class G	Class 2
ATPV 24cal/cm <sup>2</sup>	Box Test Class 2

## PRODUCT DETAILS

**Lifetime:** 4 Years—see note overleaf

**Sizes:** One Size

**Colour:** White (other colours available)

**Code:** 2690

## FACE SHIELD SPECIFICATION

Polycarbonate face shield with Anti-Fog and Anti-Scratch coating. This face shield fully retracts into the helmet when not in use to protect it from Damage and features a unique chin piece to protect the chin in an ARC Flash Hazard.

## IN ACCORDANCE WITH

- ANSI/IDEA Z89.1-2014
- ANSI/ISEA Z87.1-2015
- ASTM F2178-12
- EN 397:2012+A1:2012
- EN 166:2001
- EN 50365:2002
- GS-ET-29:2011-05



## PRODUCT DESCRIPTION

Manufactured using Modified High Impact Polyamide, the ProGARM® Safety Helmet protects the head against injuries caused by the falling objects, electric shock by preventing shock current flow through the head and also against electric arc and molten metal splashes.

Developed as a safety personnel equipment for live working with electrical connections.

**SEAM**  **GUARANTEE** **100%**  **INHERENT**

# ProGARM® 2690 Safety Helmet 24cal With Integrated Face Shield

## TESTING & CERTIFICATION INFORMATION

The Face Shield is tested in accordance with ANSI/ISEA Z87.1-2015 and also tested for ARC Flash in accordance to ASTM F2178-12. ASTM F2178-12 Standard test method for determining the Arc Rating and standard specification for eye or face protective product.

### FEATURES - HELMET

Shock absorption, tested after artificial ageing, wet conditioning and thermal conditioning in temperatures -30°C and +50°C

Resistance to penetration, tested after artificial ageing, wet conditioning and thermal conditioning in temperatures -30°C and +50°C

Resistance to flame

Protection against lateral deformations - symbol LD

Protection against molten metal splash - symbol MM

Protection against electrical shock (Class 0)

### FEATURES - FACE SHIELD

Optical powers, light transmission factor, luminance factor of dispersed light - optical class 1

Resistance to medium range energy impact (speed of stroke up to 120 m/s, mass of the ball 0.86g - symbol B)

Protection against droplets and splashes of liquids - symbol 3

Resistance to UV radiation - symbol 2

Level of protection 2-1.7 (green face shield)

Face shield with enhanced colour recognition: red, yellow, green and blue according to p. 4.2.3 EN 172:2000 - symbol C

Protection against short circuit electric arc - symbol 8

Protection against thermal hazards of an electric arc, ATPV=24Ca/cm<sup>2</sup> / HAF=91%

Protection against thermal hazards of an electric arc - Class 2 (box test)

VLT Factor VLT<=50% for Class 2

## HELMET LIFE & EXPIRY DATES

Please note that Arc Flash helmets should be disposed of after their expiry date. The expiry date is stamped on the helmet and it applies to all its elements (shell, visor, harness, strap etc).

Arc Flash helmets have an expiry date because exposure to UV radiation, temperature, humidity etc will degrade the integrity and protection that the helmet provides over time. The life of the helmet is determined by prescribed testing from the Notified Body and following that testing the item is then issued with a conformity assessment and certificate.