



# HELMA

for Structural and Wildland Fire-Fighting

- ▶ Lightweight long fibre composite shell
- ▶ Meets Standards EN 443:2008, EN 14458:2004 and EN 166:2002 for helmets, visors and goggles for any including all optional requirements and best performances
- ▶ Ergonomic design assures:
  - Heat and hearing sensitivity
  - Excellent comfort when Visor in use
- ▶ Suitable for 3rd party PPE products (masks, torches, communication systems etc.)

MADE IN ITALY



# HELMA

## STRUCTURAL AND WILDLAND FIRE FIGHTING

### Certifications and approvals of helmets

Standard: EN 443:2008

*"Helmets for fire fighting in buildings and other structures"*

- Protected area: Type A3b
- Low temperature conditioning: - 40°
- Resistance to liquid chemicals: C
- Electrical insulation of wet helmet: E2
- Electrical insulation of helmet surface: E3
- Size range: continuously adjustable from cm. 52 to 63

Standard DIN 67510-1:2002

*"photoluminescent pigments and products – Part 1. Measurement after glowing characteristics and marking at the producer"* (helmet colour 44 Lumen mint only)

### Certifications and approvals of visors

Standard: EN 14458:2004

*"Faceshield and visors for use with firefighter's and high performance industrial safety helmets used by firefighter's, ambulance, and emergency services"*

- Optical class 1
  - Visor for firefighter's use
  - Ultraviolet protection:
    - 3-1 2 for clear shield
    - 2-4 for gold mirrored shield
  - Extremis of temperature: - 40° + 120°
  - Resistance to high energy impact at extremis of temperature (AT)
  - Resistance to abrasion (K)
  - Resistance to fogging (N)
  - Electrical properties (Q)
- For gold mirrored face shield only:
- Infrared protection (4-5)
  - Enhanced infrared reflectance (R)
  - Enhanced colour recognition (4C)

### Certifications and approvals of Goggle

Standard EN 166:2002

*"Personal eye-protection - Specifications"*

Double thermal Lens

- Optical class 1
- Ultraviolet protection : 2C-1.2/5-1.1
- Resistance to medium energy impact at (B)
- Resistance to medium energy impact at extremis of temperature -5° + 55°(T)
- Resistance to abrasion (K)
- Resistance to fogging (N)
- Protection from molten metals and hot solid (9)

Frame

- Protection against droplets and splashes of liquid (3)
- Protection against large dust particles (>0,5 um)
- Protection against gases and fine dust (<0,5 um)
- Resistance to medium energy impact at (B)
- Resistance to medium energy impact at extremis of temperature -5° + 55°(T)
- Protection from molten metals and hot solid (9)

### COLOURS



### MASS OF HELMET

900 grams ± 50 (without accessories)



### OPTION



Reflective tapes:

- Silver
- Yellow
- Orange
- Silver blue bordered
- Silver green bordered



Lining with comfort so (detachable and repla

External Knob for size adjustment system (patented). No interference with neck protector. Easy to use even when wearing fire-fighting gloves. The required setting can be changed depending on the operation (tight for extreme situation, looser in less dangerous conditions)



Full face mask



Half mask



### OPTION



Available:

- Integral neck curtain
- Aramide neck curtain
- Aluminised neck curtain



Torch holder supports (detachable)



Adjustable antistatic net cradle

**COMPOSITE LONG FIBRE SHELL**  
permanent performances over the time

ft pad  
ceable)



**OPTION**

Detachable fire-fighter's Goggle:  
OPTICAL CLASS 1,  
ultraviolet protection, resistant to:

- droplets and splashes of liquid (3)
- large dust particles (>0,5 um)
- gases and fine dust (<0,5 um)
- medium energy impact (B) (T),
- abrasion (K)
- fogging (N)
- molten metals and hot solid (9)

Retractable face shield clear or gold mirrored (depending on model), OPTICAL CLASS 1,  
ultraviolet protection, resistant to:

- high energy impact (AT),
- abrasion (K)
- fogging (N)

for gold mirrored shield only:

- infrared protection (4-5)
- enhanced colour recognition (4C)
- enhanced infrared reflectance (R)



Adjustable fire proof trapezoidal chinstrap/neck-strap with leather chin-cup

**OPTION**



Accommodates third party communication systems (systems supported available on request)



# ORDER INFORMATION

HELMA HELMETS	
Code	Description
301XX	Helma helmet, long fibre composite shell, with neutral face shield with torch holder and its attachment, holders for gas mask, holders for goggle, allen key, screwdriver, protective bag XX = 01 Bleu royal, 02 White, 05 Red, 06 Black, 07 Yellow, 08 Green, 10 Orange XX = 44 Lumen mint XX = 55 Chrome plated
302XX	Helma helmet, long fibre composite shell, with gold mirrored face shield with torch holder and its attachment, holders for gas mask, holders for goggle, allen key, screwdriver, protective bag XX = 01 Bleu royal, 02 White, 05 Red, 06 Black, 07 Yellow, 08 Green, 10 Orange XX = 44 Lumen mint XX = 55 Chrome plated

Foto: G. Giamberini - Grafica - J. J. J. J.

ACCESSORIES	
Code	Description
50001	Shell cleaner
50002	Screen cleaner
50003	Frontal spacing pad (for wearers of spectacles)
50012	Full face gas mask with external arms
50013	Atex neckband head set
50014	Atex micro integrated head set
50015	Atex osteo head set
50016	Peli torch StealthLite 2400
50017	Peli torch StealthLite 2450 Rechargeable
50018	Peli torch Mitylite 2430
50019	Peli torch SteathLite Recoil LED
50020	Peli torch SteathLite Rechargeable Recoil LED
50050	Aramide neck curtain
50051	Aluminised neck curtain
50052	Integral neck curtain
50053	Set retroreflective stickers 3M Silver
50054	Set retroreflective stickers 3M Yellow
50055	Set retroreflective stickers 3M Orange
50056	Set retroreflective stickers 3M Blue/Silver
50057	Set retroreflective stickers 3M Green/Silver bordered
50058	Extrication Goggle, clear lens, sealed, with quick attach for helmet
50059	Half mask with rapid attachment to helmet
50060	Filter P3 for half mask 50059

SPARE PARTS	
Code	Description
60023	Gold mirrored face shield
60028	Nape plate
60030	Pad for nape plate
60042	Screw driver
60055	Helma securing device with chinstrap and chinguard + screws
60060	Neutral face shield
60063	Helma shock absorbing shell
60064	Helma comfort lining
60067	Allen key
60068	Protective bag
60070	Headband with net for Helma
60124	Helma set Internal bands (right and left) + screws set
60125	Size adjustment knob with + adaptor a screw set
60126	Helma set Connectors for assembling shield
60127	Helma inner shell with screws set
60128	Helma torch holder and its attachment + screw
60129	Clear lens for goggle 50058

LEGEND HELMA HELMETS		
Class	Colour face shield	Colour shell
A	BC	XX
3 = HELMA	1 = Neutral 2 = Gold 4/5	01= Royal blue, 02=White, 05=Red, 06=Black, 07=Yellow, 10=Orange, 08=Green, 44=Lumen mint, 55=Chrome plated

LEGEND ACCESSORIES AND SPARE PARTS OF HELMA HELMETS	
Product	Number
A	BCDE
5 = Accessories	ID
6 = Spare parts	ID



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