



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 also
- ▶ Suitable for 3rd party PPE products (masks, torches, communication systems etc.)

MADE IN ITALY

HELMA

FOR 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 of helmets

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 (Ω)
- For gold mirrored face shield only:
- Infrared protection (4-5)
 - Enhanced infrared reflectance R
 - Enhanced colour recognition (4C)

Certifications and approvals of goggles

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

1.100 grams ± 50 (without accessories)



OPTION



Reflective tapes:

- Silver
- Yellow
- Orange



Lining with comfort soft (detachable washable and replaceable)

External Knob for size adjustment system (patented). No interference with neck protector. Easy to use even when wearing firefighting 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 s (detachable)



Adjustable antistatic net cradle

COMPOSITE LONG FIBRE SHELL
permanent performances over the time



ft pad



OPTION
Detachable fire-fighter's goggles: OP-TICAL 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:

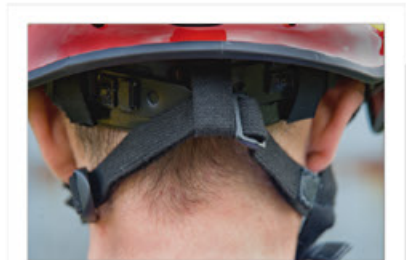
- infrared protection (4-5)
- enhanced colour recognition (4C)
- enhanced infrared reflectance (R)



OPTION



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



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



supports (leather chin-cup)

HELMA HELMETS

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

ACCESSORIES	
Code	Description
50001	Shell cleaner
50002	Screen cleaner
50003	Frontal spacing pad (for wearers of spectacles)
50014	Aramide neck curtain
50015	Aluminised neck curtain
50016	Integral neck curtain
50017	Set retroreflective stickers 3M Silver
50018	Set retroreflective stickers 3M Yellow
50019	Set retroreflective stickers 3M Orange
100011	Extrication Goggle, double clear lens, sealed, with quick attach for helmet
100001	Half mask, with filter P3 with rapid attachment to helmet
100002	Filter P3 for half mask 100001

SPARE PARTS	
Code	Description
600021	Neutral face shield
600022	Gold mirrored face shield
600024	Nape plate
600028	Pad for nape plate
600055	Helma securing device with chinstrap and chinguard + screws
600063	Helma shock absorbing shell
600031	Helma comfort lining
600043	Protective bag
600070	Headband with net for Helma
600124	Helma set Internal bands (right and left) + screws set
600060	Size adjustment knob with + adaptor a screw set
600126	Helma set Connectors for assembling shield
600127	Helma inner shell with screws set
600128	Helma torch holder and its attachment + screw
600129	Helma mask support with screws set

LEGEND HELMA HELMETS

Class	Colour face shield	Colour shell
A	C	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 (photoluminescent)

LEGEND ACCESSORIES AND SPARE PARTS OF HELMA HELMETS

Product	Number
A	BCDE
5 = Accessories	ID
60 = Spare parts	ID



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