

LIGHTWEIGHT FIRE HELMET

# TYTAN MAX

TYPE **HTM 102**

- ✔ Category 3 personal protective equipment item.
- ✔ This helmet delivers a wide range of wildland (forests, grasslands) firefighting applications. It is also suitable for road accident rescues, mountain and water rescues as well as a mountaineering and white water sports helmet.
- ✔ Complies with Regulation (EU) 2016/425 and the following harmonised standards:
  - ▶ EN 16471:2014 Firefighters helmets. Helmets for wildland fire fighting.
  - ▶ EN 16473:2014 Firefighters helmets. Helmets for technical rescue.
  - ▶ EN 12492:2012 Mountaineering equipment. Helmets for mountaineers. Safety requirements and test methods.
  - ▶ EN 397:2012 Industrial safety helmets points 5.1.1, 5.1.2 and 5.2.1.
  - ▶ EN 443:2008 Helmets for firefighting in buildings and other structures point 5.13.
  - ▶ EN 1385:2012 Helmets for canoeing and white water sports,
 as confirmed by a certificate issued by Notified Body No. 0497 CSI S.p.A.
- The helmet also complies with the following Australian standards:
  - ▶ AS/NZS 1801:1997 Occupational protective helmets.
  - ▶ AS/NZS 1337.1:2010 Personal eye protection,
 as confirmed by a certificate issued by Notified Body No. 0086 BSI Group Australia.

**CE**  
0497



### Safety in extreme conditions

- ✔ Ergonomic, lightweight helmet.
- ✔ Excellent protection parameters, outstanding functionality.
- ✔ Highest safety levels.
- ✔ Complete protection in low and high temperatures (-20°C ÷ +50°C):
  - ▶ shock absorption
  - ▶ penetration resistance: steel ball at 120 m/s,
  - ▶ resistance to lateral crushing,
  - ▶ resistance to liquid chemicals and hot solids,
  - ▶ protection against brief contact with electrical cables (VC up to 440 V).
- ✔ All exterior helmet elements as well as chin straps are fire retardant.





1. Lightweight and durable injection-moulded helmet shell, available in all colours (including photoluminescent), fitted with reflective tape as standard. Ventilation panel with an optional mosquito net is available. Shock-absorbing liner for excellent protection. Optionally, the helmet can be customised by adding fire brigade insignia.
2. Additional accessories: headtorch socket and communication system anchoring points.
3. Clear face shield - optical class 1 visor (compliant with face shield standards applicable to fire helmets: EN 14458:2018, EN 171:2002 and EN 166:2001).
4. FHR protective goggles with an anti-scratch / anti-fog coating (compliant with the following personal eye protective equipment standards: EN 166:2001 and EN 170:2005).
5. Universal breathing mask and torch anchoring points. Torch anchoring point retains full torch position angle range even with a breathing mask attached. Attachments for ear protectors and protective mesh.
6. Three-point chin strap with a buckle. Inner height and circumference (47 to 68 cm) for tailor-made fit and stability.
7. Additional accessory - silicone chin strap.
8. Short non-flammable fabric neck protector.

The helmet is also available in a comfort version with inner pads and aramid lining.