

J.THADHANI & CO.New #12/ Old #28, Stringers Street,
Chennai - 600001, Tamilnadu, India.

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🌐 www.thadhanisafety.com

**THADHANI[®]**
The Experts in Safety... Since 1947

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 + A1 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 points 4.9, 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 (-30°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.



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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, 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.

