

FIRE HELMET

✓ Vulcan Neo fire helmet – type B helmet.

Category 3 personal protective equipment item.

Complies with Regulation (EU) 2016/425 and the following harmonised standards:

 EN 443:2008 Helmets for firefighting in buildings and other structures.
 EN 16471:2014 Firefighters helmets. Helmets for wildland fire fighting. EN 16473:2014 Firefighters helmets. Helmets for technical rescue.
EN 50365:2002 Electrically insulating helmets for use on low voltage installations,

confirmed by a certificate issued by Notified Body No. 0497 CSI S.p.A. ✓ Certificate of admittance issued by Notified Body No. 1438 CNBOP-PIB. Certificate of Conformity in accordance with Directive 2014/90/EU (MED) on marine

equipment issued by Notified Body No. 1463 Polski Rejestr Statków S.A.

VULCAN NEO



Innovation combined with comfort delivering safety in extreme conditions

- Second Excellent protection, use convenience and design.
- Shell provides impact and penetration protection as well as lateral crushing protection.
- Complete protection in low (-40°C) and high temperatures.
- ✓ Flame (tested at 1000°C) and heat resistant.
- Electrical properties acc. to the EN 50365:200 standard and selected items of the EN 443:2008 standard.
- Contact with liquid chemicals acc. to the EN 443:2008 standard.
- Resistance to molten metals and hot solids.
- ✓ Top quality face and eyes protection:
- category 3 face protection,
- class 1 optical protection,
- complies with Regulation (EU) 2016/425 and the following harmonised standards:
- EN 14458:2018 Personal eye-equipment. High performance visors intended only for use with protective helmets.
- ▶ EN 166:2001 Personal eye-protection. Specifications.
- EN 170:2005 Personal eye-protection. Ultraviolet filters. Transmittance requirements and recommended use.
- EN 171:2002 Personal eye-protection. Infrared filters. Transmittance requirements and recommended use.
- EN 172:2002 Personal eye-protection. Sun glare filters for industrial use.

Tests within the scope of the following standards:

- ▶ resistance to high temperatures, liquid chemicals, flame and heat radiation,
- ▶ highest optical radiation protection (IR 4-3; UV 2C-1,2; UV 2-4; UV 5-3,1),
- ▶ protection against high speed particles in extreme temperatures, molten metals and hot solids,
- resistance to drops and liquid splashes,
- resistance to coarse dust particles, gasses and fine dust particles,
- protection against short-circuit arcs,
- ▶ E1, E2, E3 electrical properties,
- ▶ side protection,
- ▶ face shield resistant to surface damage by fine particles,
- ▶ anti-fog and/or anti-scratch face shield.

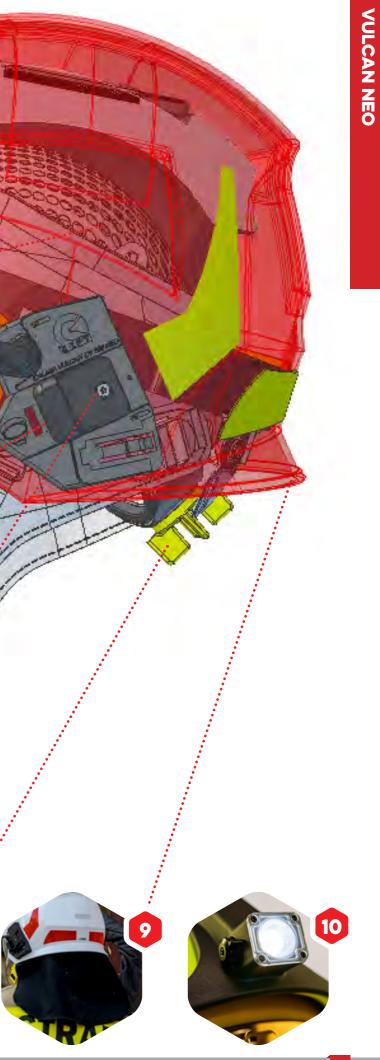


Available models:

- ★ Tn transparent profiled visor
- ★ Mn metalized profiled visor
- **★ TnO** transparent profiled visor and clear goggles
- **★ TnOt** transparent profiled visor and tinted goggles
- ★ MnO metalized profiled visor and clear goggles

- **1.** Lightweight and durable injection-moulded shell, available in all colours (including photoluminescent and metalized), fitted with reflective tape as standard. Optionally, the helmet can be customised by adding functional distinctions and fire brigade insignia.
- 2. Face shield optical class 1 visor, retractable inside the helmet, can be supplied with anti-scratch and/or anti-fog coating, gold filtered to protect against infrared radiation or transparent (optional). A choice of a profiled or non-profiled visor, adapted for people wearing corrective glasses; visor shape allows it to be used together with a breathing mask.
- **3.** Comfortable and soft helmet inner optionally with aramid fabric lining to ensure wear comfort and protect the head from abrasion. Easy to maintain, removable, washable and disinfectable.
- **4.** Retractable eye shield optical class 1 goggles to protect the eyes against solid objects and liquids during rescue operations. Tinted and clear versions available.
- **5.** Goggles can be lowered and raised using levers on both sides of the helmet without removing gloves.
- **6.** Detachable soft silicone chinstrap and chinstrap system (no tools required).
- **7.** Unified universal breathing mask and torch anchoring points. Top torch anchoring point retains full torch position angle adjustment range even with a breathing mask attached.
- 8. Inner height and circumference (47 to 68 cm) can be adjusted quickly in gloved hands without the need to remove the helmet for tailor-made fit and stability. Individual components can be easily removed for replacement, washing and disinfection.
- **9.** Neck protector resistant to heat radiation and flames, made of fire retardant materials:
 - ★ OS1V short protector
 - ★ OS2V long protector for the neck and larynx
 - ★ OS3V leather protector
 - ★ OS4V metalized fabric protector
 - ★ OS5V short double-layer metalized protector lined using a meta-aramid fabric
 - ★ OS6V short double-layer meta-aramid fabric protector

10. Front covers: black, metalized (optional) or integrated torch.



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