



HELMET FOR FIREFIGHTERS

CALISIA VULCAN TYPE CV 103



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ISO 2001:2008

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CALISIA VULCAN helmet for firefighters type CV 103

The Calisia Vulcan helmet for firefighters has been designed with the growing demands and needs of firefighters in mind. The new solutions improve its performance characteristics and, for example, reduce the load on the firefighter's hands during rescue operations. The helmet is made using the latest technologies and the best materials. This makes it light and gives it excellent protective, performance, and structural characteristics. The helmet guarantees the highest level of safety even in the toughest conditions.

Calisia Vulcan type CV 103 is a type A helmet – it is light and provides very good ventilation. The helmet meets the requirements of the EN 443:2008 standard, as confirmed by the type EC type certificate issued by the CIOP-PIB (Central Institute for Labor Protection – National Research Institute, notified body No. 1437).

Safety in extreme conditions

- Resistance of the shell to impact, puncture, and lateral compression
- Full protection in low (-30 °C) and high temperatures, and resistance to flame and heat streams (tested at the temperature of 1000 °C)
- Resistance to melted iron
- Face protection – the visor meets the requirements of the EN 14458:2004 and EN 166:2001 standards and is resistant to high temperature, flames, and chemicals
- Reflective elements ensure good visibility of the firefighter.



Maximum comfort

- The transparent visor can be lowered over a breathing mask, is suitable for persons wearing corrective glasses, and can be quickly and easily replaced
- The quick and optimized fit and the stable position of the helmet on the user's head are achieved due to:
 - the wide range of circumference adjustment (51-65 cm);
 - the large knob that can be turned even in gloves;
 - the possibility to adjust the head circumference without the need to take the helmet off, which is important when the user puts on a breathing mask;
 - convenient adjustment of the position angle and the wearing height.
- The neck protectors are resistant to thermal radiation and flames and are made of fire-resistant materials; four models are available:
 - a neck protector made of non-combustible fabric (a short version and a long version that protects the nape and the larynx)
 - a neck protector made of leather
 - a neck protector made of metalized fabric
- Finishing elements which improve comfort: a set of Nomex® cushions and liners, soft and comfortable interior inside the helmet that prevents abrasions and which is made of textile or natural leather, and a comfortable silicone chin pad.
- A broad range of accessories which are suitable for use with breathing masks and torches, and which allow wireless communication systems.
- Suitable for use with torches due to a universal set of torch mounts.
- Full range of adjusting the torch position angle even with a breathing mask on (upper mount).
- High degree of customization with rank and unit insignias.
- Shell available in any color, including photoluminescent and chrome-coated



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