

The more diverse rescue missions become... the more eye protection is needed

Today more than 70% of firefighters' operational time is not spent actually fighting fires. A large proportion of their time is spent **administering first aid, carrying out technical rescue** in various fields or attending **road traffic collisions**.

Extrication is required in around 5% of traffic accidents, meaning that there is a potential risk of pieces of metal or glass entering the eyes when cutting hinges on vehicles with hydraulic or pneumatic rescue tools.

There are others rescue applications where eye protection is critical, such as urban search and rescue in and around collapsed structures, but also prior to entering a fire scene when, for example, firefighters need to cut the metallic grilles in front of windows with a metal saw.

Fit & comfort

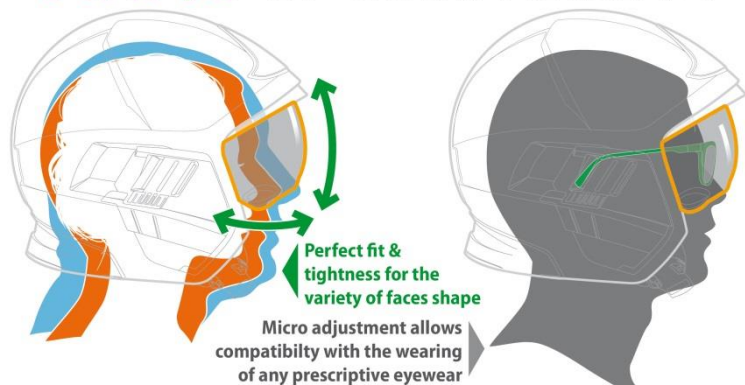
Of the 5 patents MSA holds relating to the Gallet F1 XF helmets, one of the most relevant for customer use is the patent for the ocular visor adjustment mechanism.

This is a truly unique and innovative solution on the market, as all competitive helmets face 2 major issues:

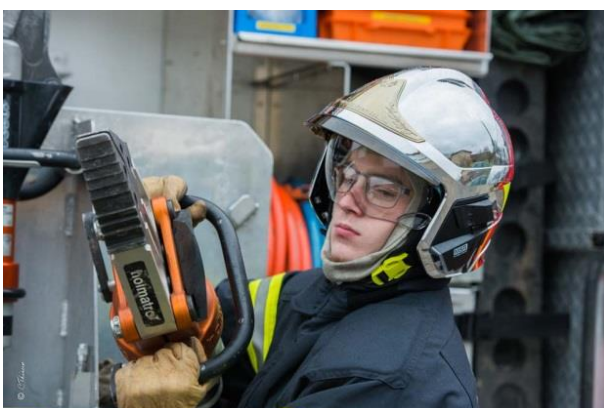
- An inability to wear corrective glasses with an ocular visor due to the lack of forward and backward adjustment
- A failure to fit properly and no protection for various face profiles as a gap remains between visor and face

The Gallet F1 XF firefighter helmet has already achieved great success all over the world: Hong Kong (7500 firefighters), New South Wales (Australia, 7000 firefighters), Amsterdam region 8000 firefighters and, more recently, Paris 4000 firefighters. The diversity of wearer profiles (head sizes, head shapes and facial features) was considered in the product design process, long before production commenced and contracts were won.

100% OF COMPATIBILITY



Patented « **DUAL PIVOT** » adjustment system



The dual pivot ocular visor with micro adjustment and all other customizable fitting functions plays a key role in ensuring everybody's comfort and safety as well as the perfect fit of a Gallet F1 XF without having a detrimental impact on its protection features. The ocular visor is lowered (down) and pushed into the face and onto the bridge of the nose for a perfect fit. This unique and patented system enables the visor to be adjusted accurately to the face to avoid any risk from projectiles and to ensure a perfect seal, even when working in conditions with high concentrations of dust. Moreover, this 2-dimensional adjustment function allows for compatibility with corrective glasses: Firefighters with impaired vision are no longer compromised.

The size ratios and customised fitting accessories ensure the Gallet F1 XF fits both male and female firefighters, small or large. The dual pivot ocular visor[®] is extremely efficient at providing a good fit for the majority of face, cheek and nose shapes across all regions. MSA truly believes the Gallet F1 XF is a global solution able to meet the needs of today's diversity of firefighters across the globe.

Premium protection

In addition to the adjustment feature, the Gallet F1 XF ocular visor offers PREMIUM performance: UV filtration properties, optical quality class 1 which allow permanent use and a very wide field of vision in any rescue situation. Proper operational use enables hands to be kept outside the visor, even with gloves, at all times, eliminating the possibility of contaminants being transferred into the eyes.



Easy maintenance / installation: “Plug & Play”

The Gallet F1 XF ocular visor can be replaced or retrofitted as an accessory in less than 15 seconds without any tools.

Thanks to all these features, the Gallet F1 XF helmet designed and made by MSA remains at the leading edge of firefighter SAFETY!

