

# F2 X-TREM

Multipurpose Rescue and Wildland Fire Helmet



## Features

High performance helmet for wildland fires and a variety of rescue missions like traffic accidents, natural disasters, USAR etc.

- Ergonomic design and functional equipment, adaptable to the variety of tasks in rescue missions
- Protection against falling and laterally impacting objects (sides, front, rear) as well perforation. High resistance against lateral deformation and exposure to elevated temperatures.
- Safe fit, comfortable also in long interventions

### Helmet shell

- Unvented or vented shell made from thermal resistant thermoplastics, coated with protective varnish for a long life time, good chemical and flame resistance.
- Interfaces for adaptation of visors, goggles, hearing protectors, communication systems, attachment of respiratory masks

### Suspension system

- Comfort headband covered with soft leather and patented ratchet quick adjustment system
- Height-adjustable headband and net suspension
- 3- point chinstrap for safe fit. Adjustable in 5 positions, with automatic buckles, flexible chincup

## Technical Data

Material helmet shell	Advanced high temperature thermoplastics Protective varnish
Material inner parts	Flame retardant polyamide resins and fibres
Headsize	52-64 cm
Weight	Helmet with cradle: 650 g +/- 20g Without accessories (reflectants, goggles etc.)
Available helmet colours	Yellow, red, white, blue, green, grey, black photoluminescent, fluorescent yellow, fluorescent orange





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## Approvals

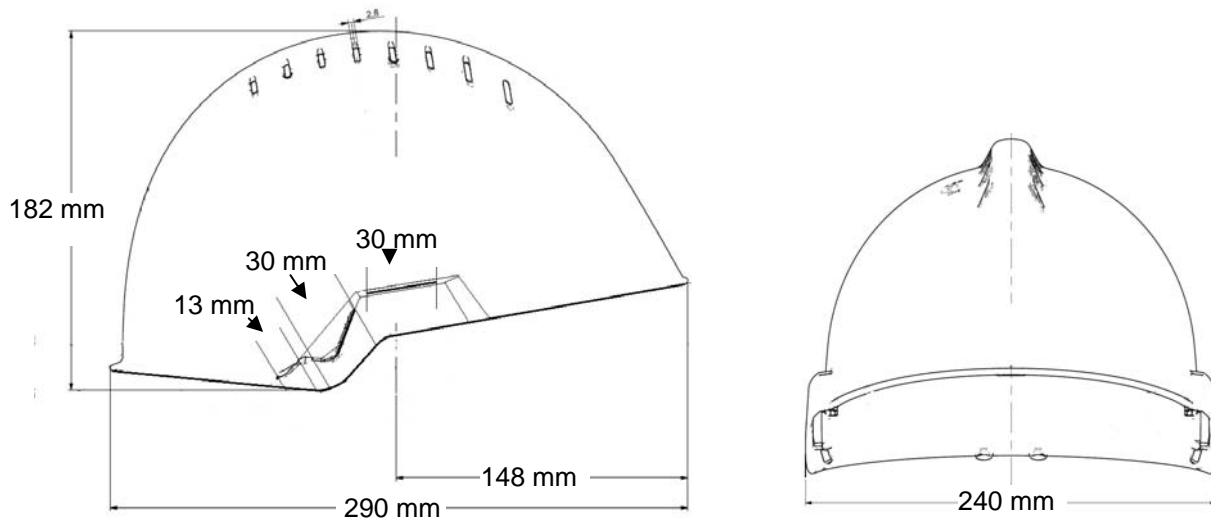
CE Marking	Application specific CE approvals as described below according to EC Directive 89/686/EEG, based on the following reference standards and requirements <sup>1</sup> :
Mechanical requirements	<p><b>EN 12492:2003</b>, specifically includes at +35°C /-20°C</p> <ul style="list-style-type: none"> <li>-top, frontal, rear and lateral shocks</li> <li>-perforation</li> <li>-Effective retention system (chinstrap)</li> </ul> <p>Excludes ventilation requirement on non vented shells.</p> <p><b>EN 397:2012</b>, specifically includes at +50°C/ -30°C (optional)</p> <ul style="list-style-type: none"> <li>-shocks</li> <li>-penetration</li> <li>-lateral deformation (optional)</li> </ul>
Electrical requirements	<p>Non vented shells only:</p> <p>EN397:2012, §6.10 for</p> <ul style="list-style-type: none"> <li>-optional electrical requirements, 440V AC</li> </ul>
Flame resistance	<p>EN443:1997, §5.6.</p> <p>Additional flame resistance, 15 sec. single burner</p>
	<p><sup>1</sup> Product is in process of certification to new standards EN 16471 (Wildland Fires) and EN 16473 (Technical Rescue) Please consult us for more information.</p>

Application	Standard configuration	CE Approvals
 <p><b>Forest Fire Fighting</b></p>	<ul style="list-style-type: none"> <li>▪ Vented shell</li> <li>▪ 3-point chinstrap</li> <li>▪ Safety goggles (EN166)</li> <li>▪ Reflective stripes</li> <li>▪ Approx. 920g</li> </ul>	<p>Specific CE Marking, based on EN 12492</p> <p>EN443:1997 flame resistance [15 sec. single flame exposure]</p>
 <p><b>Wildland and High Angle Rescue</b></p>	<ul style="list-style-type: none"> <li>▪ Vented shell</li> <li>▪ 3-point chinstrap</li> <li>▪ Approx. 725g</li> </ul>	<p>CE Marking</p> <p>EN 12492</p>
 <p><b>Traffic Rescue</b></p>	<ul style="list-style-type: none"> <li>▪ Unvented shell</li> <li>▪ 3-point chinstrap</li> <li>▪ Approx. 750g</li> </ul>	<p>Specific CE Marking, based on EN 12492 (except ventilation)</p> <p>Additional electrical insulation 440VAC</p>
 <p><b>Industrial environments</b></p>	<ul style="list-style-type: none"> <li>▪ Unvented shell</li> <li>▪ No chinstrap</li> <li>▪ Optional 2-point chinstrap</li> <li>▪ Approx. 670g</li> </ul>	<p>CE marking</p> <p>EN397 incl. optional requirements</p> <ul style="list-style-type: none"> <li>▪ -30°C</li> <li>▪ Lateral deformation</li> <li>▪ Electrical insulation 440V AC</li> </ul>
<ul style="list-style-type: none"> <li>▪ Specific CE marking: Takes into consideration specific risks of applications that have no dedicated European standards (i.e. technical rescue and forest fire fighting), using applicable norms and test methods.</li> <li>▪ A 3-point chinstrap (EN12492) ensures a safe fit of the helmet in all wearing positions. Available on all versions, except EN397.</li> </ul>		

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## Dimensions



## Selected accessories



### Responder Goggle

Designed for rescue teams and forest firefighters, this high performance goggle provides advanced eye protection against a multitude of hazards, like impacts, liquid splash, smoke, heat, hot solids, dust, wind and ultraviolet radiation.

Furthermore, the optimized combination with the F2X-TREM helmet is the optimal solution for long-term interventions in all kind of rescue and forest fire fighting applications.

#### EN 166-3459-BT KN

GA3027B Responder goggle, OptiRock Premium anti-fog and anti-scratch coating

GA3027C Spare headband (10 pcs)



### Lamp XPS

The Lamp XPS is compact, lightweight and economical. Its high power LED is powered by 3 AA batteries to provide a highly penetrating light beam featuring over 50 lumens during 8 hours.

#### ATEX Zone 0, T4

GA1488 Lamp XPS (with batteries, without support)



### Lamp XS

The Lamp XS is a short range 0.18 W LED lamp. With its white light and 8.9 lumens it is ideal to read maps or to illuminate a working area. The Lamp XS has an extended burning time (up to 130 hours) and limited weight. It comes with adapter and lanyard.

#### ATEX Zone 0, T6

GA1466 Lamp XS (with batteries and support)



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## Visors for F2 X-TREM

For the combination with F2X-TREM helmets, two carriers and various optical class 1 visors are available. The visors are compatible with X-TREM hearing protectors.

**EN 166, EN 1731**  
(carton of 20 pcs)

- SOR60020 Visor carrier to mount on F2 X-TREM with ear muffs
- SOR60022 Visor carrier to mount on F2X-TREM without ear muffs
- SOR60040 Clear PC visor, 20 cm (1, F, 3, 9)
- SOR60043 Clear PC visor, 20 cm, for electric arcs (B, 3, 8, 9)
- SOR60044 Clear PC visor, 23 cm, (B, 3, 9)
- SOR60045 Clear PC visor, 20 cm, anti-fog/anti-scratch (F, 3, 9)
- SOR60060 Metal mesh visor (S)
- SOR60065 Nylon mesh visor (S)

PC = Polycarbonate  
1 = Optical class 1

**Mechanical strength:**

B = 120 m/sec  
S = 12 m/sec  
F = 45 m/sec

**Protection against:**

3 = liquid splash  
8 = short circuit electric arc  
9 = molten metals and hot solids



PC Visor



Mesh Visor



## Other Options and Accessories

Customization			
Communication systems	<p>Osteo headset bone conductive</p>	<p>Micro headset with boom mic</p>	<p>Hearing protectors</p>

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Ordering Information													
Configure your individual helmet choosing from the following options:													
GA3	X	X	X	X	X	X	X	X	X	0	-	XX	YYY
Options	Type of shell	Chinstrap	Eye Protection [Goggles]	Lamp Support	Neck-curtain	Communication System	Specific Traceability [Labels and Transponder]	Options				Shell colour	Reflective stickers [Customisation]
		0 none	0 none	0 none	0 none	0 none	0 none	0 none				BA-white IM-blue JD-yellow JL- flour. Yellow NA-black NM-grey OB- flour. Orange RE-red VA-green VF-photolum.	000 none
	1 Vented	1 3-point [EN12492]	1 Classic	1 with [right]	1 Wool	2 Osteo [Headset]		1 bag					B00 silver
	2 Unvented	2 2-point [EN397]	2 Responder		2 Alu/ Nomex	3 Micro [Headset]							J00 yellow
Configurations: [equivalent old part number]													
<b>Forest Fire</b> [GA3600]	1	1	1 2	●	☆	●	●	●	●			0 -	mandatory
<b>Wildland Rescue</b> [GA3300]	1	1	●	☆	●	●	●	●	●				☆
<b>Traffic Rescue</b> [GA3500]	2	1	☆	☆	●	●	●	●	●				☆
<b>Industrial Risks</b> [GA3200]	2	0 2	●	●	●	●	●	●	●				☆
<b>Example:</b>													
<b>GA3</b>	1	1	2	1	2	0	0	0	0	0-		RE	B00

☆ Recommended

● Optional

DQ110018/ 07

ⓘ Please contact us for more options/ specific solutions.

## Your direct contact



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