



Product Information

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F1E upgrade to EN443:2008

Presentation of product and features

Overview

The F1E has been upgraded to the EN443:2008 standard and is now available for sale. This product remains a niche product used on these markets where Fire fighters' head size is usually in the upper range.



F1E-2008 helmet with gold face shield (neck curtain not shown)

Product codification will be based on similar ATO configuration as the F1SF, and enclosed with this product info is a configuration excel tool.

Technical evolutions

The F1E has been upgraded in a very similar way as the F1SF.
The main evolutions are :

- modification of the inner padding (impact cap) with the addition of a reinforced layer made of wool and aramide to meet the radiant heat specifications
- modification of the face shield to implement the new EN14458 face shields (clear or gold)
- addition of the F1SF foam padding to secure mechanical performance



- addition of neck curtain in the product package, as it is needed to comply with the flame engulfment test. 2 versions available.

Only the painted version of the F1E is upgraded to EN443:2008.

As a reminder, the standard harness has been discontinued early in 2008 and only the version with ratchet suspension and 3 points chinstrap is available.

This reduces the options when configuring the part number.

The metal-coated version will NOT be upgraded as the investments are out of proportion compared to the very limited sales that we make on these items.

Promotion and Production capacity

**The F1E should never be positioned as the central product of the product range
It must only be offered if the F1SF does not fit the needs of the customers.**

Usual volume represented by F1E is approx 5-7% of the total F1 sales.

This is normal as it should be used only for very large heads (>63 cm or so).

Production capacity is much lower for the F1E than for the F1SF (50 pcs/day vs. 500 pcs/day for the F1SF)

Assembly time is longer and product cost is higher (approx +10% compared with equivalent F1SF product).

**Please always keep in mind these elements while preparing bids and proposals.
An oversized proportion of F1E within a customer order may result in delivery time issues due to capacity restrictions.**

Price positioning

For consistency purposes, the list prices of F1E-2008 are aligned on the list prices of equivalent F1SF-2008 helmets, even if this means that margin levels are slightly lower.

The configuration tool includes the price input from all the criteria. Please refer to it.

Launch elements provided

Along with this product info are provided the following elements :

- Part number configurator with list pricing (XLS)
- CE certificate (PDF)
- Set of product pictures (JPG) - more and action pictures are available if needed
- List of Spare parts with technical specifications (PDF)
- Technical specifications document

For additional information, please do not hesitate to contact me :

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