

# Jiujiang Fire Fighting Equipment Co.,Ltd

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## Fire Fighting Helmets

Model:FTK-Q/B

### Introduction:

The fire helmet is equipped with a built-in gold-plated mask that greatly improves the heat radiation and UV protection of the eye, and has good flexibility and light transmittance. The electroplating process outside the helmet can effectively reflect the radiant heat, ensuring that the wearer is not protected from the heat radiation at the rescue site. Compared with the common fire helmet, the sides and rear sides of the cap extend downward, which strengthens the firefighter's head protection. The chin strap and cap can be adjusted for those of different head types.

### Technical parameters:

Maximum impact: 3410.1N

Cap top: maximum impact speed 129.8gn

Front of the cap: maximum impact speed 309.5gn

Acceleration >150gn, duration 5.1ms

Acceleration >200gn, duration 2.2ms

Cap side: maximum impact speed 319.6gn

Acceleration >150gn, duration 5.0ms

Acceleration >200gn, duration 2.1ms

The maximum impact speed of the back of the cap is 318.7gn

Acceleration >150gn, duration 5.2ms

Acceleration >200gn, duration 2.2ms

Cap leakage current 1.1mA

Tensile strength of the lower jaw: the lower jaw belt will not break, the joints slip off and the buckles are loose.

Extension length 8.9mm

Lateral rigidity: the maximum deformation of the cap is 29.6mm

Deformed 3.5mm after unloading

Mask: After heat resistance test, there should be no obvious deformation and damage. After high-strength impact test, it should not be broken or have obvious impact marks. After high-speed particle impact test, it should not be broken or have obvious impact marks.

The transparency of the transparent mask is 69.8%;

Vision left >105°; Right view >105°

Weight: 1311g

**Product:**



## **Instructions**

### 1, Adjust the size of the helmet

There are adjustment racks on the back of the helmet, and the appropriate size can be adjusted as needed.

### 2, Adjust the chin strap

The length of the chin strap can be adjusted by the Velcro, and the appropriate size can be adjusted and fixed on the chin.

### 3, Mask

Provides protection for the firefighter's face, which can be manually rotated up and down.

### 4, Protective shawl

The protective shawl is made of glass fiber aluminum foil fireproof cloth and navy blue cotton oil-resistant flame retardant yarn card material. It is fixed in the helmet with a snap fastener. It is easy to disassemble and clean. It provides comprehensive protection for the neck and ear, but Does not hinder the user's hearing.

## **Maintenance**

1. Clean the cap with soapy water and a soft cloth. Wipe the inside of the helmet with a damp cloth. Use a soft cloth to clean the mask and goggles. The cap liner can be cleaned with mild detergent water.

2. After each use, store the helmet in a protective bag, away from moisture and light.

## **Warranty**

Maintenance, storage, no damage according to requirements, normal use for 3 years

## **Precautions**

1. When used under explosive conditions, antistatic water spray should be sprayed on the surface to form a water curtain to keep the surface at a certain temperature.

2. It is strictly forbidden to sit or stand on the helmet.

3. When the helmet shell, inner casing, lower belt or other components are crushed or damaged, the damaged components should be replaced before they can be used.

4. It is forbidden to stick other adhesives and spreads on the helmet shell to prevent the material properties of the product from being affected.

5. The helmet, mask or goggles should not be cleaned with a hydrocarbon-containing cleaning product or solvent.

Two Colors



1. Anti-collision, especially for the impact protection of falling objects on the head. From the outer casing to the wearer's head, there are a total of four high-strength shells, high-density foam, cushioned wide cross and cap I and equalizing cushioning net and cap hoop II to minimize the impact strength and the skull. Partial impact.

2. Excellent anti-high temperature performance, because the shell is made of PA66/R imported reinforced polyamide fiber, and after flame retardant treatment, the cap ring is supported by plastic steel material for the overall shape of the shell, and the surface screen is made of high temperature resistant polyetherimide material. The shawl is made of glass fiber aluminum foil cloth; the navy blue cotton oil-resistant flame retardant yarn card has a double-layer structure, so it has excellent high temperature resistance.

Flame retardant performance: radial afterburning time: 0S, damage length: 7.2mm, no melt dripping

Weft continuation time: 0S, damage length: 8.4mm, no melt dripping

Coating adhesion fastness: 10 times of continuous washing without coating

Thermal stability (5min, 260 °C ± 6 °C) rate of change: no significant change

3. The protection is more comprehensive, and the protection of the ear and the back brain is increased. When the head is fixed to the cap state, the space of the skull is kept above 3cm from the helmet shell space, and a comfortable elastic buffer layer is added inside the cap ring. To ensure that accidental impact does not cause direct stress on any part of the skull.

4. Internal and external multi-level adjustment, tightly coupled with the wearer's head, reasonable weight, stable center of gravity, cap tightness adjustment by the external knob control at the back of the helmet, can be adjusted without the helmet Adapt to the various head shapes of the Chinese

5. Comfortable to wear, because the top of the head uses a uniform network, multi-level adjustment caps, caps and jaw belts and skin contact parts are soft and high-quality light sheepskin material, sweat-absorbent breathable, comfortable fit, and the lower jaw belt is flame retardant Cotton webbing, soft, quick-drying, does not cause skin irritation in prolonged heat and humidity.

Product size: 32X26X23cm  
Packing size: 73X58X48cm(8pcs)

## FACTORY



We are qualified by ISO9001, ISO14001 and OHSAS18001 management system. And, besides 54 patented products, main products have been certified by National Ministry of Public Security Fire Fighting Equipment Test Center. Products have passed China Compulsory Certification (CCC) and CE certification of EU. The product process level and quality take the lead in the industry.