

Firefighters Fire Protective Clothing Specification



Model No.: ZFMH-FZ

Firefighters fire protective clothing ZFMH-FZ in accordance with EN469: 2005 is designed for fire officers and social enterprises full-time or part-time firefighters daily fire, emergency (but not to having hazardous chemicals, gas, viruses, nuclear radiation, and other special environment wearing), when the relief wear.

1. Product Structure:

The firefighters fire protective clothing using a common international four (multi) layer structure

- ◆ surface layer (high temperature resistant permanent flame retardant aramid fiber fabric)
- ◆ waterproof breathable layer (Aramid and high performance spunlace fabric breathable waterproof membrane complex)
- ◆ insulating layer (Aramid insulation spunlace)
- ◆ comfort layer (Kevlar blend flame-retardant materials and high-performance comfort muslin)

The main technical performance:

2. Technical Specifications

- ◆ fabric flame retardant properties: length of damage $\leq 90\text{mm}$, continued burning time $\leq 2\text{s}$
- ◆ fabric strength: Tear strength $\geq 100\text{N}$, breaking strength $\geq 850\text{N}$
- ◆ thermal stability: After $260 \pm 5 \text{ }^\circ\text{C}$ thermal stability test, the warp and weft shrinkage $\leq 2\%$
- ◆ waterproof breathable layer of hydrostatic pressure washed after 25 times greater than 50KPa , water vapor permeable properties $\geq 5000\text{g} / \text{m}^2 \cdot 24\text{h}$, according to oil \geq grade 3
- ◆ four-layer structure of TPP $> 32\text{cal} / \text{cm}^2$. Visible horizons greater than 120° .

3. The person wearing Height: 1.6 ~ 2m.

4. Model: S, M, L

5. Maintenance Requirements

Preparation before use in accordance with the protection of media protection and air supply means selection applies. According to the user's height and the size of hand, foot and to use the appropriate protective boots and gloves, and install the pinch seal on protective clothing.

Check the ministries connected correctly, sealing is reliable, clothing materials harmony lens is aging, discolored or damaged. Check the gas supply device is normal, according to the terms of its gas supply apparatus equipped with provisions of the Manual to be checked.

Note the use of a portable breathing apparatus when used in combination, when the respirator issued residual gas alarm, the user should be immediately evacuated. Car and long tube breathing apparatus when used, should be located in the device at a supervised parking, always observe the high, medium gauge value changes, and keep in touch with people working in the field, when the air supply breathing apparatus found abnormal phenomenon, shall immediately notify the person within the site evacuated. Users feel sluggish breathing, discomfort or tear discovery pipeline road, stuck, protective clothing tear fault should evacuate immediately following the scene. If the fire accident scene, after the initial fire extinguishing invalid, should be immediately evacuated.

6. After use store maintenance

After taking protection immediately with decontamination temperature at the end of the decontamination, removal of contaminants remnants, then rinse with water, hung in a cool ventilated place to dry naturally.

Protective clothing should not be folded and stacked, should be hung in a clean and dry place, in order to avoid being affected by sun exposure, toxic gases, corrosive media abuse.

Protective clothing should be applied inside and outside surfaces of talcum powder and smear grease on the sealing zipper lubricants, adhesion prevention, aging, to ensure life. Protective clothing storage conditions at aging general store for three years. Protective clothing should be checked regularly maintained to ensure safety and proper function play base.