## 消防防化服
**Fire-fighting Anti-Chemical clothes**

本系列产品符合：1974年海上人命安全公约（SOLAS）2000修正案和《国际消防安全系统规则》的要求

Product Inspection Standard: 2000 Amendments to SOLAS 1974 of IMO, The International Code for Fire Safety Systems



RFH-01轻型防化服
RFH-01 Light type Chemical Protective Suits



RFH-02重型防化服
RFH-02 Heavy type Chemical Protective Suits

### 一、产品主要用途及适用范围
### 1. Main purpose and application

防化服是消防员防护服装之一，它是消防员在有危险生化学物品和腐蚀性物质的火场和事故现场进行灭火战斗和抢险救援时，为保护自身免遭化学危险品或腐蚀性物质的侵害而穿着的防护服装。

The anti-biochemical clothes are one kind of fireman's protective clothes. It is used as protection when the fireman comes into contact with harmful chemicals or corrosive goods in the event of a fire or an accident.

### 二、符合标准
### 2. Standard

符合公安部标准

In accordance with standard of the Police Department and the manufacture's industry standard.

### 三、型号及主要参数性能
### 3. Type and main technical reference

RFH-01轻型防化服

RFH-02重型防化服（呼吸器内置）

RFH-01 Light type Chemical Protective Suits

RFH-02 Heavy type Chemical Protective Suits (including air respirator).

主体胶布性能：

☆胶布厚度：0.45+0.05mm;

☆拉伸强度：经纬向不少于450N/5cm;

☆撕裂强度：不小于32N；

☆防酸渗透性能：80%H2SO4，60%HNO3,
30%HCl三种酸10mm液柱下,1h不渗透。

☆防碱渗透性能：6.1mol/L浓度NaOH 10mm液柱下,1h不渗透。

☆防汽油性能：在120＃汽油浸泡30S，无裂纹，不发粘。

☆阻燃性能：续燃时间：不大于2S；
阴燃时间：不大于10S；
损毁长度：不大于10cm；且不得有熔滴。

☆耐热老化性能：125℃×24h，不粘不脆。

☆耐寒性能：-25℃×5min，折叠180°，无裂纹。

☆胶层与织物粘合强度：不小于780N/m

☆靴底的耐刺穿性能：不小于780N

☆靴底的电绝缘性能：不小于5000V

☆靴的防水性能：浸水2h，不渗水

☆防化服抗水渗透性能：5只，3L/min水喷头冲刷15min，不渗透

☆整套服装的重量：不大于5kg

Main property of rubberized fabric:

a. Thickness of rubberized fabric: 0.45+ 0.05mm

b. Tensile strength: no less than 450N/5cm width for warp and waft.

c. Tear strength: no less than 32N

d. Property of anti-permeability of acid: it does not permeate under 10mm liquid pillar of 80% H2SO4, 60%HNO3 and 30% HCl for 1hour

e. Property of anti-permeability of alkali: not permeable under 10mm liquid pillar of 6.1mol/L NaOH for 1hour.

f. Property of benzene resisting: No cracks formed, not sticky after immersing in 120＃ petrol for 30s.

g. Property of inflammation-prevention:
Continued-burn time: no longer than 2s
Inflammation-prevention time: no longer than 10s
Damage length: no longer than 10cm, and no melting drops.

h. Property of anti-heat and anti-aging; 125℃×24h, neither fragile nor sticky

i. Property of anti-cold: -25℃×5min, No cracks formed after 180° folding

j. The adhesion of rubberized fabric and textile: no less than 780N/m

k. Property of stab-protection of bottom boots: no less than 780N

l. Property of power-isolated of bottom boots: no less than 5000V

m. Property of anti-water of boots: No permeable after immersing in water for 2 hours

n. Property of anti-permeable of anti-chemical clothes; there is no permeating after scouring 15mins by 5 pieces of 3L/min water nozzle

o. Weight of whole clothes: no more than 5kg

| 衣　号<br>Clothes size | S | M | L | XL |
|---|---|---|---|---|
| 衣长（领口至靴底）(cm)<br>Length of clothes (from collar to bottom of shoes)(cm) | 160 | 166 | 171 | 177 |
| 胸宽（cm）<br>Width of chest(cm) | 55 | 56 | 57 | 58 |
| 腰围（cm）<br>Waistline(cm) | 115 | 122 | 125 | 126 |
| 鞋码（cm）<br>Shoes size (cm) | 25 | 26 | 27 | 27 |
| 适合身高（cm）<br>Applied height（cm） | 165-170 | 170-175 | 175-180 | 180-185 |