

RFH-01 Light type Chemical Protective Clothing

RFH-01 Light type Chemical Protective clothing is specially designed for fighters to protect them-self from being damaged by chemical substances when in fire spot or in accident spot.

RFH-01 Clothing will not getting flux and dropping only carbonization. Sewing to the use of framo-resistant and adhesive strong the Nylon, with both-sides being covering with chemical protective and fire-resistant rubber. Both-surface chemical resistant rubberized fabrics, then process it into the clothing and gloves in giue of laminating then combine with a chemical protective and fire-resistant and spike-resistant of boot to make up a set of clothing.

1. Specification dimension

SIZE	S	M	L	XL
Clothe size(cm)	160	166	171	177
Width of chest (cm)	55	56	57	58
Waistline (cm)	145	122	125	126
Boots size (cm)	25	26	27	27
Suit body (cm)	165-170	170-175	175-180	180-185

2. Requirement of main technical:

(1) main rubberized fabric

Thickness of cloth: $0.45 \pm 0.05\text{mm}$

Breaking strength: $\geq 450\text{N}/5\text{cm}$ (warp and filling)

Tear strength: $\geq 32\text{N}$

Acid resistance: It soak in $80\%\text{H}_2\text{SO}_4, 60\%\text{HNO}_3, 30\%\text{HCL}$

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for 1h.(Liquid highly 10mm)It is not permeate.

Alkali resistance: It soak in 6.1 mol/LNaOH for 1h.(Liquid highly 10mm)It is not permeate.

(2) Rubber boot performance: The boot of fire fighting chemical protective clothing can according to the need of customers for producing fireproof boot Fireproof boot and firefighting boot performance as follows:

Fireproofboot	Firefighting boot
1. Boots of stab resistance: $\geq 780\text{N}$	1. pull apart the rate of elongate $\geq 750\%$
	2. Boots in pale resistance $\geq 900\text{N}$
	3. Boots grind resistance $\leq 0.9\text{cm}^3 / 1.61\text{Km}$
2. Boots of pressure resistance: ≥ 5000	4. Boots of oil resistance: $-2-10\%$
	5. The rate of adherence $\geq 600\text{N}/\text{m}$
3. Boots of leakage resistance (submerge in water with 2 hours it's not permeate.)	6. Boots of pressure resistance: ≥ 5000
	7. After aging its elongate rate $\geq 75\%$
4. Intensity of adherence $\geq 0.78\text{KN}/\text{m}$	8. Boots erode resistance
	9. Boots heat resistance $\leq 22^\circ\text{C}$
	10. Boots slid resistance $\geq 115^\circ$
	11. Weight $\leq 1.8\text{kg}$

(3) Finished product

Furring adherence intensity $\geq 0.78\text{KN}/\text{m}$

Boots of Water permeability resistance (It is not permeability after being eroded in 15min by 5 water showers nozzle of $3\text{L}/\text{min}$)

Overall weight: $\leq 5\text{kg}$

3.mode:Q/xzc 002-2003 Fire fighting chemical protective clothing

4. use methods:

(1) Hold and open the clothing. Put your legs into the trousers, pull up the rouser to the waist and then put your arms in it. Tightening the waistband.

(2) After puckering the chest protector cloth of coat, cover it with the cloth and then fasten the big white button.

(3) After frapping the belt, fasten the big white button

(4) After putting on the face shield, put on the hand shield and

(5) At last put on the glove, cover the under sleeve with the glove

5. Caution:

(1) It is not from being directly contact by flame and melting substances

(2) Check it up before using it not damaging clothing.

(3) Face shield and head shield shall be link tightly, In order to keep the neck and waist tightly to reduce the air movement in the clothing when moving.

(4) After using it, the clothing should be cleaned with $0.5\% - 1\%$ Solution of Na_2CO_3 or soap water. Carefully packing it up after drying it

(5) It should be kept in cool and non-sunlight place protected against active chemical substance and gas lines.

(6) Expiry date: five years

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RFH-01 消防防化服

RFH-01 Fire fighting chemical protective clothing

产品说明书

Operation Manual

东台市东方船舶装配有限公司

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