

## Acid Proof Fire Resistant Suit Modified PVC Double Coated Fabric For Firefighter Protection

Our Product Introduction

### Basic Information

- Minimum Order Quantity: 1PC
- Stock: 1PC



### Product Specification

- Model NO.: Protective Clothing
- Radiation Reflectivity: More Than 90% Of Radiant Heat
- Flame Retardant Performance: Damage Length Less Than 1cm
- Continuous Burning Time: Less Than 1s
- Smoldering Time: Less Than 2s
- Tear Strength: More Than 32n
- Breaking Strength: More Than 450n
- Transport Package: Carton/Set
- Specification: 76.5\*28.5\*52
- Trademark: KELISAIKE
- Origin: Nanjing China
- HS Code: 90200000
- Supply Ability: 3000sets/Month
- Application: Professional Equipment

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## Product Description

## Fireproof chemical protective clothing



Fire retardant chemical protective clothing is for firefighters to enter chemical dangerous goods or corrosive articles fire scene of the accident, and the toxic or harmful gases or the scene of the accident, to find a place to fire or accident, rescue mishap, fire fighting and rescue when wearing protective clothing with flame retardant, high temperature resistant, anti radiation, anti acid and alkali liquid properties, such as corrosive gas.

The surface of this garment is made of composite aluminum foil fireproof fabric, which will not fall off the aluminum foil in long-term use. Under the thermal radiation of 800-900, 70% of the heat will return to the main technical indicators

1. Radiation reflectivity: It can reflect more than 90% of radiant heat.
2. Radiation resistance thermal performance: 300 ° C thermal radiation for more than 1 hour, 500 ° C thermal radiation for 30 minutes or more, instantaneously close to the highest thermal radiation 700 ° C, can also be in the radiant heat flux (about 900-1000 ° C distance flame does not work in a place less than 5 meters).
3. Flame retardant performance: damage length  $\leq$  1cm, continuous burning time  $\leq$  1s, smoldering time  $\leq$  2s.
4. Tear strength:  $\geq$  32N.
5. Breaking strength:  $\geq$  450N.

Inside with resistance to acid and alkali modified PVC double-sided coated fabric, fabric with flame retardant properties, such as heat insulation waterproof sealing strong can prevent the poisonous and harmful gases such as sulfur phosphorus acid base class liquid, the built-in respirator, chemical protective clothing (exhaust) as the positive pressure ventilation valve type, seam and firm, and double-sided hot-melt adhesive type connection joint, screen for the hard transparent material.

1. Acid-proof permeation performance: 80% H<sub>2</sub>SO<sub>4</sub>, 60% HNO<sub>3</sub>, 30% HCl Three kinds of acid 10mm liquid column is not permeable for 1h;
2. Anti-alkali permeation performance: 6.1mol/L, NaOH 10mm liquid column for 1h non-permeability;
3. Flame retardant performance: damage length  $\leq$  10cm, continuous burning time  $\leq$  2s, smoldering time  $\leq$  10s and no droplets;
4. Anti-aging performance: 24h in a 125 degree environment is not sticky, not brittle;
5. Cold resistance: placed in a -25 degree environment for 5min folding 180 degrees without cracks;
6. Gasoline resistance: immersed in 120 degree gasoline for 30s without cracks and no stickiness.
7. Many other weak acid and weak bases are protected.



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