Company Profile

As a professional personal protective clothing and PPE supplier, Shanghai C&G Safety Co., Ltd. provides arc flash, firefighting, flame resistant, military, aluminized, metal splash clothing, etc.

Cooperating with well-known fiber and fabric suppliers, we spare no effort to meet different kinds of demands and critical needs of our customers. Based on technology of Dupont® Protera®, Nomex®, Aramid, Lenzing FR® and other high-tech materials, we are proficient in fabric development, garment design, marketing and sales.

With diversified array of protective products, we offer one-stop personal protective clothing and equipment with high performance and good quality in the area of Electric Power industry, Fire Rescue, Oil and Gas, Military, Welding, Metallurgy and other industries.
Outdoor Workwear

01 Arc Flash Protective Clothing
15 Conductive Suit
17 Firefighting Suit
21 Military Clothing
23 Flame Retardant Clothing
34 Aluminized Clothing

38 Metaltech Clothing
39 Chemical Protective Suit

42 Hi-Visibility Clothing
43 Stormwalker® Outdoor Workwear
44 Cooling Vest
45 Other Protective Clothing

Uniform

48 Uniform
An electric arc is a visible plasma discharge caused by electrical current ionizing gases in the air. Electric arc is explosive, it will last less than 1 second but will emit high radiant energy which can light and even melt daily clothes. The core temperature of electric arc can reach 20,000°C. Electric arc may induce many secondary hazards such as hot gases, molten metal splash, pressure waves, and even high decibel noise and electric shock.

Even though there is a fraction of a second, the harm may last lifelong. Every day, hundreds of thousands of electric workers are exposed to electric arc hazards, including electrician, wire maintenance inspectors, power plant workers, substation and transformer operators, maintenance technician, etc.

Hazards related to electric arc

01 Electrocution

When contacting electric arc directly, it will cause electrocution or severe burns. And even flame retardant garments cannot protect from the hazard of electrocution.

02 Severe burns caused by electric arc

A worker may get injured even without contacting electric arc. Electric arc will generate extreme radiant heat which may melt tools and light daily clothes. And once the clothes are lighted, they will continue to burn and increase the injury.

03 Severe burns caused by burst of clothing

The explosion or impulse caused by electric arc can blast apart daily clothes and expose the body to heat, flame and melted equipment.

04 Severe burns caused by melted underwear made from synthetic fiber

Heat caused by electric arc will melt underwear made from synthetic fiber even the outerwear is not burning.

05 Severe burns caused by the secondary flame

The intense heat of electric arc can cause fire disaster and additional explosions. For example, electric arc can light transformers or explode nearby constructions.

Generally, the incident energy is affected by different fault current, time duration and working environments (opened air or sealed air). It is important to learn that the time duration of electric arc is critical to burn degree. Since the energy caused by electric arc is affected by time duration and current, the burn degree caused by lower fault current and longer time duration will be severer than it caused by higher fault current and short time duration. And even a relatively lower voltage system (480/227V) will form an electric arc of 3 to 4 inches and will last a long time.

There are many variables for electric arc explosion. Therefore, although statistical method could be used to analyze hazards caused by arc current, the real hazard may be different. Due to the unpredictability of arc explosion, electrical workers will definitely need protective clothing in the workplace where electric arc energy can affect.
Why daily clothes cannot be used for protection?

Daily clothes like cotton and cotton nylon blends cannot protect people from electric arc injuries. On the contrary, they will increase the hazard.

The protective clothing made from normal material will be melted or burned when exposed to the heat caused by electric arc explosion. These fabrics will continue to burn even after the electric arc incident, and the injuries may be severer than it caused by the electric arc itself. The heavier the fabric is, the more fuel it provides. Electric arc may end instantly, but daily clothes will continue to burn and even will cause a third-degree burn with just seconds lasting. Besides, those clothes will melt and adhere to skin, which must be erased or even removed by surgery.

The burn degree may increase when wearing flammable garments and exposed to the explosion of electric arc. The survival rate depends on many factors, including survivor’s age and total burn area. In all age groups, the greater the total burn area is, the lower the chance of survival is. (See Figure 1)

Why not choose chemical treated garments?

Cotton and cotton nylon blends treated with chemical, though with flame resistant property, the performance can be washed out or worn away. Since the flame resistant performance comes from chemicals on the surface, the property is affected by fiber quality and stability. Therefore, such kind of chemical treated garments cannot ensure people a reliable and stable protective barrier.

Why should we choose C&G® arc flash protective garments?

C&G® arc flash protective garments are made of Dupont® Protara® fabric, which is designed by Dupont® to protect from electric arc.

**Excellent protection**

- Thermal protection performance, Crack resistance, Antistatic performance
- Inherent flame resistance comes from the molecular structure of fiber
- Protara® fiber is inherently flame retardant. Its flame resistance comes from the fiber itself instead of chemical treatment on the surface. Therefore, Protara® arc flash protective garments provide permanent protection, and the performance will not be washed out or worn away.
- Protara® arc flash protective garments neither melt nor burn or support combustion. When exposed to fire, the garments will form a protective barrier between heat resource and the body, which provides people more time to escape.
- Prevent garments from burst caused by explosion of electric arc
- As being blended with Dupont® high-strength fiber (This fiber is also used to make bulletproof vest), Protara® arc flash protective garments provides better anti-burst performance compared with chemical treated cotton garments of same weight.
- Prevent fiber from electrostatic accumulation
- Static may bring inconvenience or threat to Power Industry, so Protara® is mixed with P-140 (an anti-static fiber with Dupont® patent). Thus, Protara® arc flash protective garments can reduce static coming from the friction between fiber and fiber, or fiber and skin. Meanwhile, it helps to reduce static even in low temperature or low humidity condition, which makes it more comfortable to wear and prevents people from the risk of electrostatic accumulation in explosive environments.
- Besides, proper grounding procedures are necessary to remove the static in explosive environments.

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**Figure 1**

**Survival Rate for different degrees of burn**

- Age: 20-29.9, 30-39.9, 40-49.9, 50-59.9
- Burn degree 25%, 50%, 75%

Photo Source: Originated from the test report of American Burn Association from 1991 to 1993

In addition, daily clothes are not designed to be anti-burst. The explosive power of electric arc can tear daily clothes made from cotton, cotton nylon blend, etc., and make the body exposed to electric arc directly.

Burn degree caused by arc incident depends on time duration, current, arc length, and even the distance between body and arc, fabric as well as the layer of clothes.
02 Extreme comfort

Doing a good job means wearing protective garments that fit and feel good. That’s why when Dupont® Protera® was designed, comfort was a priority. And tests prove wearers notice the difference.

In an independent, double-blind comfort study Dupont® Protera® was the clear winner in overall comfort compared to FR cotton nylon blend garments of the same weight. In fact, wearers found Protera® arc flash protective garments to be less prickly, heavy, stretchy, stiff, clingy, clammy, and scratchy than FR cotton nylon blend garments.

**Protera® Comfort Study**

Based on the individual study from NCSU College of Textiles Fabric Protection and Comfort Research Center on the comfort of Protera®, a group of 37 volunteers (26 males and 11 females) wear coveralls with same style while different fabrics of Protera®, FR cotton nylon blend and Aramid separately, and assess the garments made of different fabrics from 11 aspects related to comfort. The above figure is the summary for the result, Protera® garment performs much better than other garments in softness, thermal sensation and overall comfort.

03 Outstanding durability

With built-in electric arc protection and longer lifecycle. High value, light weight, more comfort, safety comes first. Dupont® Protera® is compliant with NFPA 70E Category 2 requirements. This means when used properly, your customers and their workers are protected against the heat of electric arc exposure. But there’s much more to this innovative, patented technology only from Dupont®.

**No need to sacrifice protection for comfort**

With durability for a longer lifecycle and better value, Dupont® Protera® garments stand up to more washes and are more durable than FR cotton nylon blend garments of similar weight. They’re also designed to retain their appearance throughout extended on-the-job use and repeated laundering. Your customers will see the difference. And you’ll get more cycles out of every garment.

**Could stand up to tough laundry conditions**

Built-in protection you expect from Dupont®. The protection of Dupont® Protera® cannot be washed out or worn away - a powerful advantage over treated FR garments. It’s also good to know, this innovative, new fabric requires no special laundering processing and provides excellent protection wash after wash.

**Strength and tear resistance, wash after wash**

A garment’s first job is protecting workers from electric arc incidents - rips and tears aren’t an option. In fact, a single rip or tear can mean replacing the entire garment. But Dupont® Protera® helps minimize that risk and the life expectancy of the garment. Because it is twice as strong as FR cotton nylon blends, and it stays twice as strong, even after 100 washing or UV exposure.

Laundering can be as hard on a fabric as wearing it. That’s why Dupont® Protera® was created to stand up to repeated washes. It starts off stronger and stays stronger than FR cotton nylon blends after repeated washes. Dupont® Protera® provides better tear resistance than FR cotton nylon blends whether the fabric is tested when new or after it has gone through 100 washes.
Category IV 65cal/cm² Arc Flash Protective Suit

Material: Dupont® Protera® fabric
Inherently flame-retardant and its protection cannot be washed out or worn away, multilayer combination is lighter than flame retardant cotton/nylon blend garments, reducing the risk of heat stress.

ATPV Rating: 65cal/cm²
Color: Navy blue, Orange
Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009
Flame retardant reflective tapes can be added to make it highly visible
And the cooling system can be installed on the hood to keep the user cool

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArcPro-CT-65cal</td>
<td>65cal/cm² arc flash protective jacket</td>
</tr>
<tr>
<td>ArcPro-B-65cal</td>
<td>65cal/cm² arc flash protective bib-overall</td>
</tr>
<tr>
<td>ArcPro-Hood-65cal</td>
<td>65cal/cm² arc flash protective hood</td>
</tr>
<tr>
<td>ArcPro-Hood-VS-65cal</td>
<td>65cal/cm² arc flash protective hood with cooling system</td>
</tr>
<tr>
<td>ArcPro-GLV-65cal</td>
<td>65cal/cm² arc flash protective gloves</td>
</tr>
</tbody>
</table>
Category IV 55cal/cm² Arc Flash Protective Suit

Material: Dupont® Protera® fabric
Inherently flame-retardant and its protection cannot be washed out or worn away, multilayer combination is lighter than flame retardant cotton/nylon blend garments, reducing the risk of heat stress.

ATPV Rating: 55cal/cm²
Color: Navy blue/Orange
Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009
Flame retardant reflective tapes can be added to make it highly visible.
And the cooling system can be installed on the hood to keep the user cool.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArcPro-Robe-55cal</td>
<td>55cal/cm² arc flash protective robe</td>
</tr>
<tr>
<td>ArcPro-Hood-55cal</td>
<td>55cal/cm² arc flash protective hood</td>
</tr>
<tr>
<td>ArcPro-Hood-VS-55cal</td>
<td>55cal/cm² arc flash protective hood with cooling system</td>
</tr>
<tr>
<td>ArcPro-GLV2-55cal</td>
<td>55cal/cm² arc flash protective gloves</td>
</tr>
<tr>
<td>ArcPro-Leg1-55cal</td>
<td>55cal/cm² arc flash protective leggings</td>
</tr>
</tbody>
</table>

Category IV 40cal/cm² Arc Flash Protective Suit

Material: Dupont® Protera® fabric
Inherently flame retardant and its protection cannot be washed out or worn away, multilayer combination is lighter than flame retardant cotton/nylon blend garments, reducing the risk of heat stress.

ATPV Rating: 40cal/cm²
Color: Dark blue, Medium blue, Grey, Orange
Flame retardant reflective tapes can be added to make it highly visible.
And the cooling system can be installed on the hood to keep the user cool.

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArcPro-CT-40cal</td>
<td>40cal/cm² arc flash protective jacket</td>
</tr>
<tr>
<td>ArcPro-B-40cal</td>
<td>40cal/cm² arc flash protective bib-overall</td>
</tr>
<tr>
<td>ArcPro-Hood-40cal</td>
<td>40cal/cm² arc flash protective hood</td>
</tr>
<tr>
<td>ArcPro-Hood-VS-40cal</td>
<td>40cal/cm² arc flash protective hood with cooling system</td>
</tr>
<tr>
<td>ArcPro-GLV-40cal</td>
<td>40cal/cm² arc flash protective gloves</td>
</tr>
</tbody>
</table>
Category III 33cal/cm² Arc Flash Protective Suit

Material: Dupont® Protera® fabric
  Inherently flame retardant and its protection cannot be washed out or worn away, multilayer combination is lighter than flame retardant cotton/nylon blend garments, reducing the risk of heat stress.

ATPV Rating: 33cal/cm²

Color: Dark blue, Medium blue, Grey, Orange

Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009

Flame retardant reflective tapes can be added to make it highly visible

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArcPro-Robe-33cal</td>
<td>33cal/cm² arc flash protective robe</td>
</tr>
<tr>
<td>ArcPro-Hood-33cal</td>
<td>33cal/cm² arc flash protective hood</td>
</tr>
<tr>
<td>ArcPro-GLV-33cal</td>
<td>33cal/cm² arc flash protective gloves</td>
</tr>
<tr>
<td>ArcPro-Leg1-33cal</td>
<td>33cal/cm² arc flash protective leggings</td>
</tr>
</tbody>
</table>

Category II 25cal/cm² Arc Flash Protective Suit

Material: Dupont® Protera® fabric
  Inherently flame retardant and its protection cannot be washed out or worn away, multilayer combination is lighter than flame retardant cotton/nylon blend garments, reducing the risk of heat stress.

ATPV Rating: 25cal/cm²

Color: Medium blue

Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009

Flame retardant reflective tapes can be added to make it highly visible

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArcPro-CT-25cal</td>
<td>25cal/cm² arc flash protective jacket</td>
</tr>
<tr>
<td>ArcPro-P-25cal</td>
<td>25cal/cm² arc flash protective pants</td>
</tr>
<tr>
<td>ArcPro-Hood-25cal</td>
<td>25cal/cm² arc flash protective hood</td>
</tr>
</tbody>
</table>
**Category II 12cal/cm² Arc Flash Protective Suit – Coverall**

**Material:** 8.0 OZ Dupont® Protera® fabric  
**ATPV Rating:** 12cal/cm²  
**Color:** Navy blue, Orange  
Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009  
Flame retardant reflective tapes can be added to make it highly visible

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArcPro-Coverall-12cal</td>
<td>12cal/cm² arc flash protective coverall</td>
</tr>
<tr>
<td>ArcPro-Shield-12cal</td>
<td>12cal/cm² arc flash protective face shield, green</td>
</tr>
</tbody>
</table>

**Category II 12cal/cm² Arc Flash Protective Suit - Jacket & Pants**

**Material:** 8.0 OZ Dupont® Protera® fabric  
**ATPV Rating:** 12cal/cm²  
**Color:** Navy blue, Orange  
Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009  
Flame retardant reflective tapes can be added to make it highly visible

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Arcpro-CT-12cal</td>
<td>12cal/cm² arc flash protective jacket</td>
</tr>
<tr>
<td>Arcpro-P-12cal</td>
<td>12cal/cm² arc flash protective pants</td>
</tr>
</tbody>
</table>

**Category II 12cal/cm² Winter Arc Flash Protective Suit - Winter Jacket**

**Material:** 8.0 OZ Dupont® Protera® fabric and 3M FR Thin-sulate  
**ATPV Rating:** 12cal/cm²  
**Color:** Navy blue, Orange  
Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009  
Flame retardant reflective tapes can be added to make it highly visible

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArcPro-WT1-12cal</td>
<td>12cal/cm² winter arc flash protective coat</td>
</tr>
</tbody>
</table>
Category II 8cal/cm² Arc Flash Protective Suit – Coverall

Material: 6.5 OZ DuPont® Protera® fabric
ATPV Rating: 8cal/cm²
Color: Dark blue, Medium blue, Grey, Orange
Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009
Flame retardant reflective tapes can be added to make it highly visible

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ArcPro-Coverall-8cal</td>
<td>8cal/cm² arc flash protective coverall</td>
</tr>
</tbody>
</table>

Category II 8cal/cm² Arc Flash Protective Suit – Jacket & Pants

Material: 6.5 OZ DuPont® Protera® fabric
ATPV Rating: 8cal/cm²
Color: Dark blue, Medium blue, Grey, Orange
Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009
Flame retardant reflective tapes can be added to make it highly visible

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arcpro-CT-8cal</td>
<td>8cal/cm² arc flash protective jacket</td>
</tr>
<tr>
<td>Arcpro-P-8cal</td>
<td>8cal/cm² arc flash protective pants</td>
</tr>
<tr>
<td>Arcpro-Shield-10cal</td>
<td>10cal/cm² arc flash protective face shield, green</td>
</tr>
<tr>
<td>Arcpro-GLV1-8cal</td>
<td>8cal/cm² arc flash protective gloves</td>
</tr>
</tbody>
</table>

Category II 8cal/cm² Arc Flash Protective Suit – Shirt & Pants

Material: 6.5 OZ DuPont® Protera® fabric
ATPV Rating: 8cal/cm²
Color: Dark blue, Medium blue, Grey, Orange
Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009
Flame retardant reflective tapes can be added to make it highly visible

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arcpro-S-8cal</td>
<td>8cal/cm² arc flash protective shirt</td>
</tr>
<tr>
<td>Arcpro-P-8cal</td>
<td>8cal/cm² arc flash protective pants</td>
</tr>
</tbody>
</table>
**Category I 6cal/cm² Arc Flash Protection Suit – Jacket & Pants**

- **Material:** 5.3 OZ Dupont® Protera® fabric
- **ATPV Rating:** 6cal/cm²
- **Color:** Medium blue
- Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009
- Flame retardant reflective tapes can be added to make it highly visible

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arcpro-CT-6cal</td>
<td>6cal/cm² arc flash protective jacket</td>
</tr>
<tr>
<td>Arcpro-P-6cal</td>
<td>6cal/cm² arc flash protective pants</td>
</tr>
</tbody>
</table>

**Category I 6cal/cm² Arc Flash Protective Suit – Shirt & Pants**

- **Material:** 5.3 OZ Dupont® Protera® fabric
- **ATPV Rating:** 6cal/cm²
- **Color:** Medium blue
- Tested to ASTM F1959 and meet the standards of NFPA 70E, DL/T 320-2010, GB 8965.1-2009
- Flame retardant reflective tapes can be added to make it highly visible

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arcpro-S-6cal</td>
<td>6cal/cm² arc flash protective shirt</td>
</tr>
<tr>
<td>Arcpro-P-6cal</td>
<td>6cal/cm² arc flash protective pants</td>
</tr>
</tbody>
</table>

**Arc and Flame-Resistant Rainwear**

- **Item No.:** BP-QT-FDHYY-20CAL
- **ATPV Rating:** 20cal/cm²
- **Color:** Fluorescent lime yellow
- Tested to Electric Arc Exposure Test N°2013EP1791

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bp-qt-fdhyy-20cal</td>
<td>Highly visible, arc flash protective, flame retardant, anti-static, waterproof, etc.</td>
</tr>
<tr>
<td></td>
<td>Widely used in Electric Power, Petroleum and Petrochemical, emergency rescue, etc.</td>
</tr>
</tbody>
</table>
**Arc Flash Protective Face Shield**

**ATPV:** 10/12cal/cm²  
**Color:** Grey / Light Green  
**Function:** Anti-fog, high visibility, 70% transparency  
**Style:** Popular type

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arcpro-Shield-10cal</td>
<td>10cal/cm² arc flash protective face shield, green</td>
</tr>
<tr>
<td>Arcpro-Shield-12cal</td>
<td>12cal/cm² arc flash protective face shield, green, grey</td>
</tr>
</tbody>
</table>

**Insulating Clothing**

**Material:** 10 layers EVA insulating resin  
**Color:** Yellow  
**Test Voltage:** 20KV/3min  
**Usage Voltage:** 17KV  
**Feature:** Highly-insulating and with strongly mechanical strength  
Soft, light and easy to maintain  
**Application:** Electrical power, used to protect line workers from electric shock

**Multifunctional Kit Bag**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CG-X502</td>
<td>600D orange nylon oxford, waterproof and wear-resistant</td>
</tr>
<tr>
<td></td>
<td>With shoulder straps detachable, and bottom antiskid and wear-resistant.</td>
</tr>
<tr>
<td></td>
<td>Dimension: 42<em>23</em>31cm</td>
</tr>
</tbody>
</table>
### Insulating Gloves

<table>
<thead>
<tr>
<th>Description</th>
<th>Cuff Style</th>
<th>Colour</th>
<th>Length (mm)</th>
<th>Length (inch)</th>
<th>Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>NOVAX CLASS 00</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2,500 Volt Tested</td>
<td>Straight</td>
<td></td>
<td>280</td>
<td>11</td>
<td>7-8-9-10-11-12</td>
</tr>
<tr>
<td>500 Volt Working</td>
<td>Straight</td>
<td></td>
<td>360</td>
<td>14</td>
<td>7-8-9-10-11-12</td>
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<tr>
<td><strong>NOVAX CLASS 0</strong></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5,000 Volt Tested</td>
<td>Straight</td>
<td></td>
<td>280</td>
<td>11</td>
<td>7-8-9-10-11-12</td>
</tr>
<tr>
<td>1,000 Volt Working</td>
<td>Straight</td>
<td></td>
<td>360</td>
<td>14</td>
<td>7-8-9-10-11-12</td>
</tr>
<tr>
<td><strong>NOVAX CLASS 1</strong></td>
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<td></td>
<td></td>
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<tr>
<td>10,000 Volt Tested</td>
<td>Straight</td>
<td></td>
<td>360</td>
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<td>7-8-9-10-11-12</td>
</tr>
<tr>
<td>7,500 Volt Working</td>
<td>Contour</td>
<td></td>
<td>460</td>
<td>18</td>
<td>8-9-10-11-12</td>
</tr>
<tr>
<td></td>
<td>Bell</td>
<td></td>
<td>460</td>
<td>18</td>
<td>9-10-11-12</td>
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<tr>
<td><strong>NOVAX CLASS 2</strong></td>
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<tr>
<td>20,000 Volt Tested</td>
<td>Straight</td>
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<td>360</td>
<td>14</td>
<td>7-8-9-10-11-12</td>
</tr>
<tr>
<td>17,000 Volt Working</td>
<td>Contour</td>
<td></td>
<td>460</td>
<td>18</td>
<td>8-9-10-11-12</td>
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<tr>
<td></td>
<td>Bell</td>
<td></td>
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<td>460</td>
<td>18</td>
<td>9-10-11-12</td>
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</tbody>
</table>

The contoured shape & softness reduces hand fatigue. Every single C&G Glove is tested, inspected and packed according to the requirements in ASTM D120 and EN 60903. The gloves are numbered individually for traceability and stamped with the factory manufacturing date by ink stamp.
Insulating Sleeves

**Feature:** Curved Elbow Sleeves

**Standard:** ASTM D1051-14a.

Type I, non-resistant to ozone

**Application:** Protect workers from electrical shock.

These sleeves are intended to use exclusively for electrical purposes.

---

Insulating Boots

**Item No.:** CG-DBS4

**Voltage grade:** Test Voltage: 30KV  ESR: 18KV

**Feature:** Lining Material – Comes with extra comfort and durability

Upper Construction – Waterproof (Electrically verified), Easy for cleaning Sole/Heel – Good abrasion resistant for extra durability

Steel Toe Cap – Epoxy coated toe caps for anti-corrosion

Steel Shank – Doubled ribbed ladder shank to improved midfoot stability and support

Chemical Resistance – Sole & Upper – Resistant towards strong acids and alkalis

Finishing – Lacquer coating for weather protection

Packing – Recyclable Polybag & 6 pairs in a carton

**Standard:** CE certification

EN ISO 20345: 2011 (SB E FO SRA)

EN 50321: 1999 Class 0

ASTM F1117-03 (min 20,000 VAC)

**Application:** For working environment with high voltage hazards

Power stations operations

Substation (step-up/step-down/distribution) operations

Electrical hazards with wet condition / water exposure

High current leakage hazards

Electrical installations.

---

**Size:**

<table>
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<tr>
<th>Size</th>
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</table>
Arc Flash Protective Kits

65cal/cm² Arc Flash Protective Clothing Kit
Item No.: ArcPro-Kit-65cal
1. 65cal/cm² arc flash protective jacket
2. 65cal/cm² arc flash protective bib-overall
3. 65cal/cm² arc flash protective hood
4. 65cal/cm² arc flash protective gloves
5. Safety helmet-ABS material
6. Insulating gloves
7. Multifunctional kit bag

55cal/cm² Arc Flash Protective Clothing Kit
Item No.: ArcPro-Kit-55cal
1. 55cal/cm² arc flash protective robe
2. 55cal/cm² arc flash protective hood
3. 55cal/cm² arc flash protective gloves
4. 55cal/cm² arc flash protective leggings
5. Safety helmet-ABS material
6. Insulating gloves
7. Multifunctional kit bag

40cal/cm² Arc Flash Protective Clothing Kit
Item No.: ArcPro-Kit-40cal
1. 40cal/cm² arc flash protective jacket
2. 40cal/cm² arc flash protective bib-overall
3. 40cal/cm² arc flash protective hood
4. 40cal/cm² arc flash protective gloves
5. Safety helmet-ABS material
6. Insulating gloves
7. Multifunctional kit bag

33cal/cm² Arc Flash Protective Clothing Kit
Item No.: ArcPro-Kit-33cal
1. 33cal/cm² arc flash protective robe
2. 33cal/cm² arc flash protective hood
3. 33cal/cm² arc flash protective gloves
4. 33cal/cm² arc flash protective leggings
5. Safety helmet - ABS material
6. Insulating gloves
7. Multifunctional kit bag
Arc Flash Protective Kits

25cal/cm² Arc Flash Protective Clothing Kit
Item No.: ArcPro-Kit-25cal
1. 25cal/cm² arc flash protective Jacket
2. 25cal/cm² arc flash protective pants
3. 25cal/cm² arc flash protective face shield
4. 25cal/cm² arc flash protective gloves
5. Safety helmet - ABS material
6. Insulating gloves
7. Multifunctional kit bag

12cal/cm² Arc Flash Protective Clothing Kit
Item No.: ArcPro-Kit-12cal
1. 12cal/cm² arc flash protective Jacket
2. 12cal/cm² arc flash protective pants
3. 12cal/cm² arc flash protective face shield
4. 12cal/cm² arc flash protective gloves
5. Safety helmet - ABS material
6. Insulating gloves
7. Multifunctional kit bag

8cal/cm² Arc Flash Protective Clothing Kit
Item No.: ArcPro-Kit-8cal
1. 8cal/cm² arc flash protective Jacket
2. 8cal/cm² arc flash protective Pants
3. 8cal/cm² arc flash protective face shield
4. 8cal/cm² arc flash protective gloves
5. Safety helmet - ABS material
6. Insulating gloves
7. Multifunctional kit bag
ElectricPro Conductive Suit

**Item:** High Voltage Shielding Clothing  
**Item No.:** BP-PBF-500KV  
**Description:** The two-piece conductive suit is made of a blend of metal fiber and aramid fiber. It applies to the protection for live-line work on the electric equipment below high voltage of 500KV. Meet the standard of GB/T6568-2008.  
It is born of a need to let the lineman get closer to his work. The clothing is bonded to the conductor, placing the lineman within the field of electricity, not as a conductor himself but insulated, and allows him to work with his hand on the conductor hardware. Thus, transmission line maintenance efficiency and effectiveness are advanced without endangering the lineman and without interrupting customer service.

- **Conductive Gloves**  
  **Item No.:** BP-SB-DDST  
  It should be worn together with 500KV high voltage shielding suit.

- **Cut-resistant and Conductive Gloves**  
  **Item No.:** BP-SB-FDDST  
  It should be worn together with 500KV high voltage shielding suit.

- **Conductive Socks**  
  **Item No.:** BP-ZB-DDW  
  It should be worn together with 500KV high voltage shielding suit.

- **Conductive Shoes**  
  **Item No.:** BP-ZB-DDX  
  It should be worn together with 500KV high voltage shielding suit.

FR Silk Underwear

**Material:** 100% silk  
**Color:** White, Grey  
**Feature:** Flame retardant, light, breathable and UV-protective  
**Application:** Used together with Conductive Suit
ElectricPro Conductive Suit

Item: AC High Voltage Electrostatic Shielding Clothing
Item No.: BP-QT-500K
Description: The two-piece conductive suit is made of a blend of conductive material and textile fiber. It applies to protect substations inspectors and line workers from 500KV AC high voltage electric field, meet the standards of GB/T18136-2008.

It is born of a need to let the lineman get closer to his work. The clothing is bonded to the conductor, placing the lineman within the field of electricity, not as a conductor himself but insulated, and allows him to work with his hand on the conductor hardware. Thus, transmission line maintenance efficiency and effectiveness are advanced without endangering the lineman and without interrupting customer service.

Conductive Gloves
Item No.: BP-SB-DDST
It should be worn together with 500KV AC high voltage electrostatic shielding suit.

Cut-resistant and Conductive Gloves
Item No.: BP-SB-FDDST
It should be worn together with 500KV AC high voltage electrostatic shielding suit.

Conductive Socks
Item No.: BP-ZB-DDW
It should be worn together with 500KV AC high voltage electrostatic shielding suit.

Conductive Shoes
Item No.: BP-ZB-DDX
It should be worn together with 500KV AC high voltage electrostatic shielding suit.

Winter AC High Voltage Electrostatic Shielding Clothing

Item No.: BP-QT-500KVBN
Description: With conductive material and textile fiber blended, it applies to protect line workers, substations inspectors and earth potential workers from 500KV AC high voltage electric field. Adopt 3M Thinsulate padding to keep warm in winter. Meet the standard of GB/T18136-2008.
Firefighting Suit

Material:
- Outer shell: Nomex® IIIA
- Moisture barrier: Kevlar®/Nomex® Felt with PTFE membrane
- Thermal barrier: Kevlar®/Nomex® Felt

Comfortable layer: Nomex®/FR viscose woven fabric

Color: Navy Blue

Feature:
- Front closed by heavy duty FR zipper
- High collar fully lined with throat closure tab
- Elasticated braces with quick release buckles
- Inset sleeves design
- Knee and elbow reinforcement
- Radio pocket on the left breast
- Knitted cuffs with thumb loop
- Two hand warm pockets
- Two side hip pockets
- Velcro tab wrist closure
- Anti-wicking storm cuffs
- DRD (Drag Rescue Device) Strap

Application: Fire Rescue and Evacuation

Standard: EN469:2005

Optional Accessories: Firefighting helmet/boots/gloves

---

Firefighting Jacket & Pants

Material: Outer shell: Nomex® IIIA
- Moisture barrier: Kevlar®/Nomex® Felt with PTFE membrane
- Thermal barrier: Kevlar®/Nomex® Felt

Comfortable layer: Nomex®/FR viscose woven fabric

Color: Navy Blue

Feature:
- Front closed by heavy duty FR zipper
- High collar fully lined with throat closure tab
- Elasticated braces with quick release buckles
- Inset sleeves design
- Knee and elbow reinforcement
- Radio pocket on the left breast
- Knitted cuffs with thumb loop
- Two hand warm pockets
- Two side hip pockets
- Velcro tab wrist closure
- Anti-wicking storm cuffs
- DRD (Drag Rescue Device) Strap

Application: Fire Rescue and Evacuation

Standard: EN469:2005

Optional Accessories: Firefighting helmet/boots/gloves
**Firefighting Covering**

**Material:** 3 layers laminated aluminized fabric  
**Feature:** Soft and comfortable  
- Light weight to carry, only 0.6KG and easy to don and doff  
- Special mirror reflective technic, suitable for proximity fire rescue under industrial radiant heat up to 900°C for 15 minutes.  
**Application:** Proximity fire rescue  
- Searching after fire accident and do cutting operation  
- Fire extinguishing in narrow space like tunnel, underground tunnel, etc.  
- Rescue in high temperature

<table>
<thead>
<tr>
<th>Fabric Property</th>
<th>Value</th>
<th>Testing Method</th>
<th>Fabric Property</th>
<th>Value</th>
<th>Testing Method</th>
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<td>Tearing Force(weft)</td>
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<td>Flame retardation</td>
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<td>ISO 15025</td>
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</table>

**Proximity Firefighting Garment**

**Material:** Outer shell: FR woven fabric substrate with aluminum membrane  
- Thermal lining: Meta/para-aramid felt quilted to 50% meta-aramid / 50% FR viscose woven fabric  
**Feature:** Withstand high-heat up to 1600°C  
- Superior protective performance on high pressure and moisture vapor, superheated vapor and high temperature liquid  
- The aluminized material is not easy to peel from the base material  
**Application:** Proximity fire rescue  
- Emergency rescue  
- Not suitable for entering or passing through fire ground  
**Standard:** EN ISO 11612-2008, NF EN 407  
**Accessory:** Self-contained breathing apparatus (SCBA) CG60415210

<table>
<thead>
<tr>
<th>Fabric Property</th>
<th>Value</th>
<th>Testing Method</th>
<th>Fabric Property</th>
<th>Value</th>
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<td>ISO 9151</td>
<td>Radiant Heat Index (temperature rise 24°C)</td>
<td>C3 (50-95s)</td>
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</tbody>
</table>
Proximity Firefighting Face Shield

**Material:** Polycarbonate gold plating

**Feature:** Resist 120m/s high speed impact
- Reflect 1000°C or above high temperature radiant heat and 95% of Heat

**Application:** Proximity fire rescue
- Searching after fire accident and do cutting operation
- Fire extinguishing in narrow space like tunnel, underground tunnel, etc.
- Rescue in high temperature

Thermal Insulation Clothing

**Material:** 7 layers patented high technology fabrics, composited by Pre-oxidation and para-aramid materials

**Feature:** Withstand high-heat up to 1600°C
- Two layers thermal barriers provide superior heat-insulating property
- The aluminized material is not easily peeled from the base material

**Application:** Proximity fire rescue
- Fast furnace repair operation

**Standard:** EN 1486, NF EN 407

**Accessory:** Self-contained breathing apparatus (SCBA) CG60415210
Flight Suit (CWU-27/P)

Material: 150/200g/m² (4.5/6oz) Dupont® Nomex® IIIA / Aramid IIIA fabric  
Color: Sage green, Navy blue, Royal blue, Orange, Black, etc.  
Description: Inherently and permanently flame retardant  
Do not melt, burn, drip or support combustion in air.  
Front opening with two-way FR metal zipper  
Gusseted back for convenient action  
Adjustable cuffs and waist belt with Velcro fastener  
Ankle opening by zipper to adjust width of leg  
5*10cm Velcro on left chest used to fasten name tag  
8 FR zippered pockets: 2 slant chest pockets, 1 pen pocket (3 compartments) on left sleeve, 2 pockets on upper legs, 1 knife pocket on left leg, 2 pockets on lower legs  
Application: Air force and aviation (to protect aircrew from any flash fires and its anti-static fiber is used to minimize electrostatic accumulation).

Flight Jacket & Pants

Material: 150/200g/m² (4.5/6oz) Dupont® Nomex® IIIA / Aramid IIIA fabric  
Color: Sage green, Navy blue, Royal blue, Orange, Black, etc.  
Description: Front opening with FR metal zipper on jacket and pants  
Gusseted back for convenient action  
Double layers on elbows  
Adjustable cuffs with Velcro fastener  
Ankle opening by zipper to adjust width of legs  
2 slant insert pockets on pants and 1 back pocket with flap  
7 FR zippered pockets: 2 slant chest pockets, 1 pen pocket (3 compartments) on left sleeve, 2 pockets on upper legs, 2 pockets on lower legs  
Application: Air force and aviation (to protect aircrew from any flash fires and its anti-static fiber is used to minimize electrostatic accumulation).
MA-1 Flight Jacket

**Material:**
- Outershell: 100% Nylon, sage green
- Lining: 100% Polyester, orange
- Innershell: Polyester Fiberfill, 150g

**Color:** Sage green, Black, Navy blue, etc.

**Description:**
- Fully reversible with rescue orange color innershell
- Nylon knitted collar, waist band and cuffs
- #8 heavy duty metal zipper with reversible puller on front opening
- Two slant insert pockets on hem and one pen pocket on left arm

**Application:** Aviation in cold weather, reversible with highly visible orange color for emergency.

---

Tanker Suit

**Material:** 150/200g/m² (4.5/6oz) DuPont® Nomex® IIIA / Aramid IIIA fabric

**Color:** Sage green

**Feature:**
- Two way full front FR metal zipper with puller
- Two slash chest pockets fastened by Velcro
- One pen pocket fastened by Velcro on left sleeve
- Two pockets on upper legs
- Adjustable cuffs, waist belt and leg opening with Velcro fastener
- DRD (Drag rescue strap) strap concealed by Velcro fastener on the back
- Two side zippers and Velcro closure across back for easy access in emergency
- Ranker holder on shoulders
- Self-fabric reinforced elbows and rump

**Application:** Used as protective clothing during tank driving.
**What is Nomex® IIIA?**

DuPont®Nomex® IIIA is composed of 93% 1.7 decitexDuPont®Nomex® meta-aramid, 5% DuPont® Kevlar® para-aramid and 2% antistatic fiber. This innovative solution expands to form a stable and inert barrier between the fire and skin, which gives wearers the valuable seconds they need to help them escape from the hazard.

It is one of the best products for flame retardant and heat resistant protection. It is widely used all over the world, especially for Petroleum, Oil & Gas, Chemical industry, Paint and other environments where flash fire may occur. Many of firefighters, racing drivers, U.S. military personnel and even astronauts wear protective garments made of Nomex® IIIA fabric.

**Why do we choose C&G®Nomex® IIIA flame retardant garments?**

Nomex® is inherently flame retardant. The fiber cannot be burned itself, so the protection is permanent. Since the protection comes from the fiber itself, it will not get weak after times of washing and usage. When exposed to fire, Nomex® fiber will get swelled and thicker to form a protective barrier between heat source and body. The protective barrier will last until the garment cools down so that people will have valuable seconds to escape.

For the flame retardant fabric treated by chemicals, its FR performance comes from the chemicals on the surface of the fabric. When exposed to flash explosion, the chemicals will react to extinguish fire. The reaction depends on the fire energy and the time of the fabric exposed to the fire.

With the increasing of time and energy, the flame retardant chemical will be induced to react, and the burned degree will be obviously increased. The chemicals and fabric will cause vigorous slash fire, hot gas, smoke and tar, which will hazard the body seriously.

**Unique protective barrier to high temperature and flame**

When exposed to high temperature continuously, DuPont®Nomex® IIIA fiber will carbonize and get thicker to prevent heat conduction between heat source and body to increase protection and reduce burn injury (See Pic.1). The strong protective barrier will keep soft and tough until the garment cools down. It will provide time for the user to escape.
Fire Protection-Dupont® Nomex® IIIA

04 Excellent wear-resistant, tear-resistant and chemical-resistant performance

Nomex® IIIA fabric performs much better than 100% Cotton, CVC and TC fabric in wear-resistance and tear-resistance, and it will make the garments with a longer life.

Besides, Nomex® IIIA fabric is chemical-resistant, it resists most of inorganic chemicals and organic solvent, thus it is anti-corrosion and aging-resistant. In different industrial area, the chemical-resistant performance enhances the durability of the garments, and the garments could be washed by organic solvent to remove the flammable contaminants without affecting the life span of the garments.

1. The chemical-resistant performance refers that the fiber can resist the degradation instead of the penetration of chemicals. The fabric of Dupont® Nomex® IIIA which is covered or coated by certain materials could be used to prevent the penetration of chemicals.

2. Originated from STP1133 of ASTM.

05 Unique economy and durability

Generally, the durability of Dupont® Nomex® IIIA fabric is 3 to 5 times better than other protective fabrics (including 100% Cotton, CVC, TC and FR Cotton fabric). Besides, the flame resistance of Dupont® Nomex® IIIA fabric is permanent and will not get weak after times of washing and usage.

Chart1 lists the durability of different FR garments.

| Fabric | Extension Tear Strength | Tear Strength | P聊天记录

06 The fabric is light and comfortable

As per trying experiment, the weight of garments affects the degree of comfort. Dupont® Nomex® IIIA garments are with high strength, good durability and fine breathability. And light fabric could be used to make more comfortable garments.

Dupont® Nomex® IIIA garments are with good breathability. It will promote air flow so that the energy of body could scatter fast.

There is a special moisture-absorbing component which is widely used in sportswear used by top tennis sportsmen. This kind of component will absorb the moisture on the surface of skin and transfer it to larger surface areas by fiber to make it evaporate fast, which helps users feel dry and comfortable.

07 Professional static control

Dupont® Nomex® IIIA fabric integrates P-140 - a kind of static-eliminated fiber with patent, which could reduce the static caused by the friction between two garments or garments and the surface of other objects (See Pic. 4). P-140 is used to reduce harmful static and make garments more comfortable to wear. Meanwhile, it also can reduce the accumulation of the static on the surface of body.

Pic.4 Dupont™ Nomex® IIIA fabric includes P-140 – a kind of high-performance static-eliminated fiber with patent.

08 Good protection under the condition of low temperature

Water can eliminate static by conducting electricity, so many of natural or synthetic fiber are anti-static by absorbing moist gas. But the natural fiber like wool, cotton and synthetic fiber will lose anti-static performance under low temperature.

However, Dupont® Nomex® IIIA fabric will keep fine anti-static performance even under the condition of low temperature. It is mainly because of P-140 fiber in Dupont® Nomex® IIIA fabric, which keeps the fabric anti-static even under the humidity of 20%. The excellent anti-static performance has been proved in Electric Charge Decay Test and in the process of wearing.

Chart2 The results of anti-static decay test

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<tr>
<td>100% FR Cotton</td>
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<td>65% Cotton</td>
<td>150</td>
<td>3.10</td>
<td>0.02</td>
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</tbody>
</table>

According to US Test Standard 191A (Method 5931), to put the fiber between two paralleled electrodes. When 5KV charge passes, the fiber can hold at least 3KV. And the fiber needs to discharge until it achieves only 10% Initial charge within 0.5 seconds when it touches the ground. The test is under 70F (21C) and 20% RH.

The real case shows that it will produce enough static energy on the surface of body when taking off the outer wear. The spark produced in the process of static release is strong enough to light flammable steam or air mixture.

24
Nomex® II A Flame Retardant Clothing

Nomex® IIIA Coverall

Item No.: NM-C150-1
Material: 150g/m² (4.5oz) Dupont Nomex IIIA
           (93% Nomex®, 5% Kevlar® and 2% anti-static fiber)
ATPV Rating: 5.0cal/cm²
Color: Orange, Royal blue, Navy blue, Red, Yellow, etc.
Feature: Inherently and permanently flame retardant
         Anti-static, neither melts nor drips
         Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper

Nomex® IIIA Shirt and Pants

Item No.: NM-S/P150-1
Material: 150g/m² (4.5oz) Dupont Nomex IIIA
ATPVRating: 5.0cal/cm²
Color: Orange, Royal blue, Navy blue, Red, Yellow, etc.
Feature: Inherently and permanently flame retardant
         Anti-static, neither melts nor drips
         Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper

Nomex® IIIA Coverall

Item No.: NM-C200-3
Material: 200g/m² (6oz) Dupont Nomex IIIA
ATPVRating: 6.0cal/cm²
Color: Orange, Royal blue, Navy blue, Red, Yellow, etc.
Feature: Inherently and permanently flame retardant
         Anti-static, neither melts nor drips
         Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper
Nomex® IIIA Flame Retardant Clothing

Nomex® IIIA Coverall

Item No.: NM-C150-3  
Material: 150g/m² (4.5oz) DuPont Nomex IIIA  
(93% Nomex®, 5% Kevlar® and 2% anti-static fiber)  
ATPV Rating: 5.0cal/cm²  
Color: Royal blue, Orange, Navy blue, Red, Yellow, etc.  
Feature: Inherently and permanently flame retardant  
Anti-static, neither melts nor drips  
Soft, comfort and easy to maintain  
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.  
Remark: With or without FR reflective tapes, YKK or FR metal zipper

Nomex® IIIA Jacket and Pants

Item No.: NM-CT/P200-1  
Material: 200g/m² (6oz) DuPont Nomex IIIA  
ATPV Rating: 6.0cal/cm²  
Color: Orange, Royal blue, Navy blue, Red, Yellow, etc.  
Feature: Inherently and permanently flame retardant  
Anti-static, neither melts nor drips  
Soft, comfort and easy to maintain  
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.  
Remark: With or without FR reflective tapes, YKK or FR metal zipper

Nomex® IIIA Coverall

Item No.: NM-C150-2  
Material: 150g/m² (4.5oz) DuPont Nomex IIIA  
(93% Nomex®, 5% Kevlar® and 2% anti-static fiber)  
ATPV Rating: 5.0cal/cm²  
Color: Navy blue, Orange, Royal blue, Red, Yellow, etc.  
Feature: Inherently and permanently flame retardant  
Anti-static, neither melts nor drips  
Soft, comfort and easy to maintain  
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.  
Remark: With or without FR reflective tapes, YKK or FR metal zipper
Nomex® IIIA Flame Retardant Clothing

Extra Soft Nomex® IIIA Coverall

Item No.: NM-C230-1
Material: 230g/m², made of Dupont Nomex IIIA fabric.
Color: Orange, Royal blue, Navy blue, Red, Yellow, etc.
Feature: Inherently and permanently flame retardant
          Anti-static, neither melts nor drips
          Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper

Nomex® IIIA Winter Coat

Item No.: NM-WC200-1
Material: 200g/m² (6oz) Dupont Nomex IIIA for outshell and
          3M Thinsulate for Innershell
ATPV Rating: 6.0cal/cm²
Color: Orange, Royal blue, Navy blue, Red, Yellow, etc.
Feature: Inherently and permanently flame retardant
          Anti-static, neither melts nor drips
          Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper

Nomex® Balaclava

Item No.: NM-Hood-1
Material: 200g/m² 100% Nomex
Color: White, Black
Feature: Inherently and permanently flame retardant
          Anti-static, neither melts nor drips
          Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint
Military, Police, Rescue, etc.
Remark: Single layer or double layers
Nomex® Safety Vest

Item No.: NV-Hood-1
Material: 200g/m² Nomex and TV120P
Color: Orange, Royal blue, Navy blue, Red, etc.
Feature: Inherently and permanently flame retardant
   Anti-static, neither melts nor drips
   Soft, comfort and easy to maintain
Application: Military, Police, Emergency Rescue, etc.
Remark: Double layers

Nomex® Flame Retardant Raincoat

Item No.: NM-RC-02
Material: Nomex and other FR fabrics laminated
Color: Orange, Royal blue, Navy blue, Red, etc.
Feature: Innovative technique
   Waterproof, windproof and keeping warm
   Inherently and permanently flame retardant
   Anti-static, neither melts nor drips
   Comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: 3M 2” width yellow/silver/yellow FR reflective tapes,
   YKK or FR metal zipper

Nomex® & Lenzing FR® Blended Clothing

Nomex® & Lenzing FR® Shirt and Pants

Item No.: FRNV-S/P150-1
Material: 150g/m² Nomex & Lenzing FR blended
Color: Orange, Royal blue, Navy blue, Red, etc.
Feature: Inherently and permanently flame retardant
   With high strength and wear-resistance
   Soft, comfortable and moisture-absorbing
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes
Nomex® & Lenzing FR® Blended Clothing

Nomex® & Lenzing FR® Coverall

Item No.: FRNV-C180-1
Material: 180g/m² Nomex & Lenzing FR blended
Color: Orange, Royal blue, Navy blue, Red, etc.
Feature: Inherently and permanently flame retardant
With high strength and wear-resistance
Soft, comfortable and moisture-absorbing
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper

FirePro Flame Retardant Clothing

FirePro Coverall

Item No.: FRFL-C150-2
Material: 150g/m² Aramid IIIA
(93% meta-aramid, 5% para-aramid and 2% anti-static fiber)
Color: Orange, Royal blue, Navy blue, Red, etc.
Feature: Inherently and permanently flame retardant
Anti-static, neither melts nor drips
Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper

FirePro Coverall

Item No.: FRFL-C200-2
Material: 200g/m² Aramid IIIA
Color: Orange, Royal blue, Navy blue, Red, etc.
Feature: Inherently and permanently flame retardant
Anti-static, neither melts nor drips
Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper
FirePro Flame Retardant Clothing

FirePro Coverall
Item No.: FRFL-C200-3
Material: 200g/m² Aramid IIIA
Color: Khaki, Orange, Royal blue, Navy blue, Red, Yellow, etc.
Feature: Inherently and permanently flame retardant
Anti-static, neither melts nor drips
Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper

FirePro Coverall
Item No.: FRFL-C210-1
Material: 210g/m² Aramid IIIA
Color: Navy blue, Orange, Royal blue, Red, Yellow, etc.
Feature: Inherently and permanently flame retardant
Anti-static, neither melts nor drips
Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper

FirePro Comfort Flame Retardant Clothing

FirePro Comfort Coverall
Item No.: FRFLV-C200-1
Material: 200g/m² 50% Meta-aramid and 50% Lenzing FR blended
Color: Orange, Royal blue, Navy blue, Red, etc.
Feature: Inherently and permanently flame retardant
With high strength and wear-resistance
Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper
FirePro Comfort Flame Retardant Clothing

FirePro Comfort Shirt and Pants

Item No.: FRFLV-S/P150-1
Material: 150g/m² 50% Meta-aramid and 50% Lenzing FR blended
Color: Orange, Royal blue, Navy blue, Red, etc.
Feature: Inherently and permanently flame retardant
With high strength and wear-resistance
Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper

PC Comfort Flame Retardant Clothing

PC Comfort Hi-Visibility Flame Retardant Safety Vest

Item No.: FRPC-V250-1
Material: 250g/m² 100% FR highly visible Protex
Color: Fluorescent lime yellow
Feature: Inherently and permanently flame retardant
With high strength and wear-resistance
Soft, comfort and easy to maintain
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper

PC Comfort Coverall

Item No.: FRPC-C250-2
Material: 250g/m² FR Protex & Cotton blended
Color: Orange, Royal blue, Navy blue, Red, etc.
Feature: The FR property of Protex is combined with the comfort of cotton perfectly to make the garments inherently flame retardant and comfortable.
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without FR reflective tapes, YKK or FR metal zipper
FR Soft Flame Retardant Clothing

FR Soft garments are the best choice for the environment where the clothes easily get dirty or torn, or for the fact that the budget is limited.
FR Soft treatment technique will not affect the feature of cotton fabric. Thus, FR Soft garments are soft and moisture-wicking and also keep anti-static in most of working environments. Its FR protective performance will last as long as the lifespan of common garments, that is, 50 times of washing and within 12 to 18 months. Meanwhile, since being flame retardant, they also can be used as welding clothes.

FR Cotton/Nylon - Coverall

Item No.: FRCN-C250-1
Material: 250g/m² FR cotton and nylon blended
Color: Orange, Royal blue, Navy blue, Red, etc.
Feature: Moisture-absorbing, breathable, comfortable and durable
The cotton blended with nylon is with higher strength and wear-resistance
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without reflective tapes

FR Cotton/Nylon-Heavy Coverall

Item No.: FRCN-C305-1
Material: 305g/m² FR cotton and nylon blended
Color: Orange, Royal blue, Navy blue, Red, etc.
Feature: Moisture-absorbing, breathable, comfortable and durable
The cotton blended with nylon is with higher strength and wear-resistance
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without reflective tapes

FR Cotton/Nylon-Jacket and Pants

Item No.: FRCN-J/P260-1
Material: 260g/m² 88% Cotton 12% Nylon
ATPV: 8cal/cm²
Color: Grey, Navy blue, Orange, Royal blue, Red, Yellow, etc.
Feature: Moisture-absorbing, breathable, comfortable and durable
Application: Oil and Gas, Petroleum, Chemical, Paint, etc.
Remark: With or without reflective tapes
**FR Soft Flame Retardant Clothing**

**FR Cotton/Polyester-Coverall**

*Item No.:* FRCVC-C220-1  
*Material:* The cotton blended with polyester  
*Color:* Orange, Royal blue, Navy blue, Red, etc.  
*Feature:* Moisture-absorbing, breathable, comfortable and durable  
The cotton blended with nylon is with higher strength and wear-resistance  
*Application:* Oil and Gas, Petroleum, Chemical, Paint, etc.  
*Remark:* With or without reflective tapes

**Flame Retardant Cotton/Polyester - Jacket and Pants**

*Item No.:* FRCN-CT/P310-1  
*Material:* 310g/m² FR cotton and polyester blended  
*Color:* Orange, Royal blue, Navy blue, Red, etc.  
*Feature:* Moisture-absorbing, breathable, comfortable and durable  
The cotton blended with polyester is with higher strength and wear-resistance  
*Application:* Oil and Gas, Petroleum, Chemical, Paint, etc.  
*Remark:* With or without reflective tapes

**100% FR Cotton - Short Sleeves**

*Item No.:* FRC-SC235-1  
*Material:* 235g/m² FR Cotton  
*Color:* Orange, Royal blue, Navy blue, Red, etc.  
*Feature:* Moisture-absorbing, breathable, comfortable and durable  
*Application:* Oil and Gas, Petroleum, Chemical, Paint, etc.  
*Remark:* With or without reflective tapes

**100% FR Cotton – coverall**

*Item No.:* FRC-C350-1  
*Material:* 350g/m² 100% FR cotton  
*Color:* Orange, Royal blue, Navy blue, Red, etc.  
*Feature:* Moisture-absorbing, breathable, comfortable and durable  
*Application:* Oil and Gas, Petroleum, Chemical, Paint, etc.  
*Remark:* With or without reflective tapes
Mirror Suit 3H

Item No.: CG-BE4591
Material: 500g/m² aluminized glass fiber base material
Feature: Can stand up to more than 95 seconds radiant heat as per EN ISO6942 test
          Can resist radiant well
          The aluminized material is not easily peeled from the base material
Application: The industrial environment where workers contact heat indirectly

Mirror Suit 5H

Item No.: CG-5451
Material: 580g/m² aluminized Viscose base material
Feature: Can withstand the degree of 1600°C
          Can resist thermal contact and hot melt metal splash
          The aluminized material is not easily peeled from the base material.
Application: Steel and aluminum factory or other heat dangerous industrial environment
Aluminized Clothing

Mirror Suit 10H

Material: Outer shell: FR woven fabric substrate with aluminum membrane
Thermal lining: Meta/para-aramid felt quilted to 50% meta-aramid / 50% FR viscose woven fabric

Feature:
- Withstand high-heat up to 1600°C
- Superior protective performance on high pressure and moisture vapor, superheated vapor and high temperature liquid
- The aluminized material is not easily peeled from the base material

Application:
- Proximity fire rescue
- Emergency rescue
- Not suitable for Entering or passing through fire ground.

Accessory: Self-contained breathing apparatus (SCBA) CG60415210

Mirror Suit 16H

Material: 7 layers patented high technology fabrics, compositied by Pre-oxidation and para-aramid materials

Feature:
- Withstand high-heat up to 1600°C
  - Two layers thermal barriers provide superior heat-insulating property
  - The aluminized material is not easily peeled from the base material

Application:
- Proximity fire rescue
- Fast furnace repair operation

Standard: EN 1486, NF EN 407
Accessory: Self-contained breathing apparatus (SCBA) CG60415210
Emergency Evacuation Clothing

**Material:** 3 layers laminated aluminized fabric

**Feature:** Soft and comfortable
- Light weight to carry, only 0.6KG and easy to don and doff
- Special mirror reflective technic, suitable for proximity fire rescue under industrial radiant heat up to 900°C for 15 minutes.

**Application:** Proximity fire rescue
- Searching after fire accident and do cutting operation
- Fire extinguishing in narrow space like tunnel, underground tunnel, etc.
- Rescue in high temperature

<table>
<thead>
<tr>
<th>Fabric Property</th>
<th>Value</th>
<th>Testing Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breaking Force (warp)</td>
<td>≥1050N</td>
<td>ISO 1421-1</td>
</tr>
<tr>
<td>Breaking Force (weft)</td>
<td>≥800N</td>
<td>ISO 1421-1</td>
</tr>
<tr>
<td>Tearing Force (warp)</td>
<td>≥20N</td>
<td>ISO 4674-2</td>
</tr>
</tbody>
</table>

Mirror Apron

**Item No.:** MF-Apron

**Material:** Aluminized fabric

**Feature:** High protection to heat and radiant heat Effectively prevents molten metal splash

**Application:** Furnace operation, metallurgy and foundry
Aluminized Clothing

Mirror Sleeves
Item No.: MF-Sleeve
Material: Aluminized fabric
Feature: High protection to heat and radiant heat
- Effectively prevents molten metal splash
- The two sleeves are connected around the neck with elastic
- Band for easier operation.
Application: Furnace operation, metallurgy and foundry

Mirror Leggings
Item No.: MF-Legging
Material: Aluminized fabric
Feature: High protection to heat and radiant heat
- Effectively prevents molten metal splash
- Adjustable Velcro closure on the back helps to wear easier
- Extended over-the-knee is also available.
Application: Furnace operation, metallurgy and foundry

Mirror Hood
Item No.: MF-Hood-1
Feature: High protection to heat and radiant heat
- Effectively prevents molten metal splash
Application: Furnace operation, metallurgy and foundry

Mirror Anti-skid Metal Splash Gloves
Item No.: BP-SB-FHGRST
Material: Aluminized fabric on the back and Silicone composite materials on the palm
Feature: Aluminized side can withstand 1600°C
- Anti-skid palm can withstand 200-300°C
Application: Furnace operation, metallurgy and foundry
Metaltech garment is an innovative product to prevent injuries from the molten metal splash. It is inherently flame-retardant and the protection cannot be washed out or worn away. Metaltech, with its natural blend of fibers and innovative construction techniques, has the ability to wick moisture away from the skin facilitating the cooling process. Metaltech garments apply in welding, smelting, casting and molten metal splash or radiant heat industrial condition.

**Metaltech-1 Welding clothing**

*Item No.*: MT-J/P240-2  
*Material*: 240g/m², Lenzing FR, Kevlar and Comfort fiber blended.  
*Feature*: With good heat-insulation performance  
Protect from the molten metal splash  
*Application*: Welding and metallurgy casting industry.

**Metaltech-2 Metallurgical Clothing**

*Item No.*: MT-J/P310-1  
*Material*: 310g/m², Wool, Viscose FR and Functional Fiber.  
*Feature*: With good heat-insulation performance  
*Application*: Aluminum, furnace operation and metallurgy and foundry.
Chemical Protective Suit

**Item No.:** ChemPro 6045  
**Material:** SMS non-woven fabric  
**Color:** Blue  
**Feature:** Breathable and comfortable  
- Hood design for optimum fit with full face respirators  
- Elasticated hood, wrist and ankles  
- Bound seams  
**Application:** Against particulates such as asbestos, brick dust and cement dust; Suitable for sultry working environment.  
**Standards:** Type 5 EN ISO13982-1 Solid particulates  
Type 6 EN13034 Limited protection against liquid chemicals

**Item No.:** ChemPro 5050  
**Material:** PE laminated fabric  
**Color:** White  
**Feature:** Breathable and comfortable  
- Two-layer microporous design  
- Withstand spraying of liquid chemicals  
- Hood design for optimum fit with full face respirators  
- Elasticated hood, wrist and ankles  
- Bound seams  
**Standards:** Type 5 EN ISO13982 Solid particulates  
Type 6 EN13034 Limited protection against liquid chemicals  
EN14126 Infective agents  
EN1073-2 Radioactive contamination

**Item No.:** CG60523002  
**Material:** PE laminated fabric with SMS back panel  
**Color:** White  
**Feature:** Breathable and comfortable  
- Hood design for optimum fit with full face respirators  
- Optimized body fit for improved comfort for the wearer  
- Two-way zipper, easy to use  
- Elasticated hood, wrist and ankles  
- Bound seams  
**Standard:** Type 4 EN14605:2005+A1:2009 Chemical liquid spray tight  
Type 5 EN ISO13982-1 Solid particulates  
Type 6 EN13034:2005+A1:2009 Limited protection against liquid chemicals  
EN1073-2 Radioactive contamination  
EN1049-5:2008 Anti-static
**Chemical Protective Suit**

**Item No.: CG MICROCHEM 3000**
**Material:** Soft and flexible 3 layer fabric  
**Color:** Yellow  
**Feature:** One of the lightest and most comfortable chemical protective garments  
- Double zip system helps to ensure a liquid tight seal  
- Double cuff design to enable a liquid tight connection with chemical protective gauntlets  
- Hood design for optimum fit with full face respirators  
- Ultrasonically welded seams  
**Standard:** Type 3 EN 14605 Chemical liquid tight  
Type 4 EN 14605 Chemical liquid spray tight  
Type 5 EN ISO 13982-1(&2) Solid particulates  
EN14126 Infective agents  
EN1073-2 Radioactive contamination  
EN1149-1 Anti-static

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**Item No.: CG MICROCHEM 4000**
**Material:** Unique 5-layer light fabric  
**Color:** Green  
**Feature:** Comfortable and exceptional barrier to organic and inorganic chemicals  
- Double zip system helps to ensure a liquid tight seal  
- Double cuff design to enable a liquid tight connection with chemical protective gauntlets  
- Internal cuff features knitted wrist for more comfort  
- Hood design for optimum fit with full face respirators  
- Ultrasonically welded and taped seams  
**Standard:** Type 3 EN 14605 Chemical liquid tight  
Type 4 EN 14605 Chemical liquid spray tight  
Type 5 EN ISO 13982-1(&2) Solid particulates  
EN14126 Infective agents  
EN1073-2 Radioactive contamination  
EN1149-1 Anti-static
Item No.: CG60500413
Material: PVC
Color: Green
Feature: Single elasticated wrists
Good resistance to common used chemical
Press-studs zip flap cover the zip to provide good resistance against chemical
Taped inner and outer seams
Standard:
Type 3 EN 14605 Chemical liquid tight
Type 4 EN 14605 Chemical liquid spray tight

Item No.: CG60500404
Material: RXL159, the latest Respirex material, high-performance, multi-layer, nonwoven
Color: Yellow
Feature: Heavy duty 122cm (48") long gas tight zipper at right side
Adjustable internal support belt and bat-wing sleeves for optimal comfort
Flexible, multi-laminated and anti-mist visor for clear and undistorted vision
Exhalation valves ensure the pressure change within the suit does not exceed one millibar in one minute
Seams welded and taped for maximum performance
Chemically protective laminated gloves welded to the suit material with an elasticated oversleeve to prevent splash entering outer gloves
Integral socks with outer splash guards
Standard: Type 1 EN 943-2:2002 Liquid and gaseous chemicals, aerosols and solid particulates
EN 146:1991 Respiratory protective devices; powered particle filtering devices incorporating helmets or hoods; requirements, testing, marking
EN464:1994 liquid and gaseous chemicals, including liquid, aerosols and solid particles
Hi-Visibility Clothing

Hi-Visibility Shirt and Pants

Material: 100% Cotton fabric
Color: Orange/Navy blue, Yellow/Navy blue
Feature: UPF50+
3M reflective tapes
Standard: AS/NZS 1906.4:2010 UPF50+
AS/NZS 40602.1:2011 Australian standards Day or Night Use

Hi-Visibility Vest

Material: 100% cotton fabric
Color: Orange, Yellow, Blue, etc.
Feature: Highly visible, comfortable and moisture-absorbing
Application: Road workers, police, emergency rescue, etc.

Hi-Visibility Jeans

Material: 97% cotton, 3% Spandex jean fabric
Color: Blue
Feature: Flexible, comfortable and antiwear
3M reflective tape
Hi-Visibility Rainwear

Material: 100% Polyester Oxford waterproof PU coated fabric
Feature:
- 5cm reflective tape
- All seam taped to prevent heavy rain
- Detachable hood

Stormwalker® Outdoor Workwear - Item No.: CG-CFF806

Material: Ventair laminated fabric
Feature:
- Windproof, Waterproof breathable index 3000 or above
  - Two piece designs, can wear separately
  - All seam taped to prevent heavy rain
  - Double front opening, cuffs fastened by Velcro
Application: Suitable for outdoor operation, mountaineering, hiking, etc.

Stormwalker® Outdoor Workwear - Item No.: CG-0309

Material: Ventair laminated fabric
Feature:
- Windproof, Waterproof breathable index 8000 or above
  - Two piece designs, can wear separately
  - All seam taped to prevent heavy rain
  - Double front opening, cuffs fastened by Velcro
Application: Suitable for outdoor operation, mountaineering, hiking, etc.
Stormwalker® Outdoor Workwear

Item No.: CG-5230
Material: Gore Tex fabric
Feature: Windproof, Waterproof breathable index 10000 or above
  Two piece designs, can wear separately
  All seamed taped to prevent heavy rain
  Double front opening, cuffs fastened by Velcro
Application: Suitable for outdoor operation, mountaineering, hiking, etc.

Cooling Vest

Item No.: TemPro-CV-02
Material: Outer shell: Functional fiber fabric
  Inner layer: Waterproof breathable material
Color: Navy blue
Feature: Light weight, only 0.8KG
  High-tech COOL 3 LAYER structure, better locking water
  Physical water absorption water locking mechanism
  Keep cooling no less than 4 hours
  Easy to use, only need a bottle of water
Application: Hot weather or heated environment

Item No.: TemPro-CV-01
Material: Polyester/cotton fabric
Color: Grey
Feature: Adjustable sizes with side buckle design
  With 8 recyclable hard gel packs, which are made of new energy storage material, total weight is 1.5kg
  Use after refrigerating and keep cooling no less than 3 hours
Application: Hot weather or heated environment
Other Protective Clothing

Item No.: TemPro-CV-00
Material: Polyester/Cotton fabric
Color: Blue
Feature: Adjustable sizes with side buckle design
With 4 recyclable ice packs, total weight is 1.5kg
Use after refrigerating and keep cooling no less than 2 hours
Application: Hot weather or heated environment

Acid and Alkali Protective Clothing

Item No.: BP-QT-NSJF
Color: Navy blue, Medium blue, etc.
Feature: Acid and Alkali resistant
Application: Workplace where dangerous chemicals or corrosive materials exist

Bee Protective Clothing

Item No.: BP-QT-FFF01
Material: Flame retardant PVC artificial leather
Feature: Cut-resistant, anti-puncture and protect users from bee biting
Application: Used by firefighters when they remove wasp’s nest
Microwave Electromagnetic Radiation Protective Clothing

Item No.: BP-QT-FFS
Material: Metal fiber and textile fiber blended
Color: Medium blue
Feature: Effectively protect body from the harm of microwave electromagnetic radiation.
Meet the standard of GJB5313-2009.
Application: Operators of different sizes of computer, workers near the launch station of radio television, communication, navigation, radar, etc. and workers in transformer substation.

Antistatic Clothing

Item No.: BP-QT-FJDF
Material: Antistatic fabric
Color: Blue
Feature: To eliminate electrostatic and avoid any electrostatic spark.
Application: Inflammable and explosive industries like Petroleum, Chemical, Coal, Gas station, LPG station and Oil tanker.

Antistatic Knitted Clothing

Material: Conductive materials
Color: Black
Feature: Anti-static property < 0.6u C/pc, to eliminate electrostatic and avoid any electrostatic spark
Grade A washing resistance
Application: Workplace where static is easily accumulated.
Help to eliminate the static on the clothing and body to prevent the danger of fire and exposure.
Other Protective Clothing

Cooling Clothing with Cooling System

Material: 100% cotton twill fabric
Color: Orange, Blue, etc.
Feature: Bring air into clothes and form a comfortable microclimate
Promote air flow and heat dispersion
Adjustable wind control
Application: Hot weather or heated environment

Raincoat

Material: Waterproof complex coating fabric
Color: Navy blue, Yellow, etc.
Feature: Waterproof
Application: Rainy weather

Rescue Garments

Material: 100% cotton twill fabric
Color: Orange, Yellow, Blue, etc.
Feature: Highly visible, comfortable and moisture-absorbing
Application: Emergency rescue, etc.
Winter Jacket

Material: 100% polyester waterproof outshell, anti-static lining and 3M Thinsulate innershell
Color: Navy blue, Black, etc.
Feature: Two detachable liners, one is long-sleeve and another is a vest to adjust to different weathers
Application: Cold weather

Summer Clothing

Item: Short-sleeve Shirt & Pants
Material: Cotton/Polyester
Color: Blue, Khaki, Grey, Navy blue, etc.
Feature: Durable and washing-resistant
Application: Working environment

Spring/Autumn Clothing

Item: Long-sleeve Shirt & Pants
Material: Cotton/Polyester
Color: Blue, Khaki, Grey, Navy blue, etc.
Feature: Durable and washing-resistant
Application: Working environment