



**WP** Petroleum (Shanghai) Ltd.

## Personal Protective Equipment



Nomex FR Coverall



Nomex FR Coverall



FR Cotton Coverall



Nomex FR Coverall



FR Coverall



FR Coverall



Nomex FR Coverall



FR Cotton Coverall



FR Coverall



Modacrylic/Cotton FR  
Coverall



Modacrylic/Cotton FR  
Coverall



Cotton FR Coverall



PPE

Additional sizes, colors are also available upon request

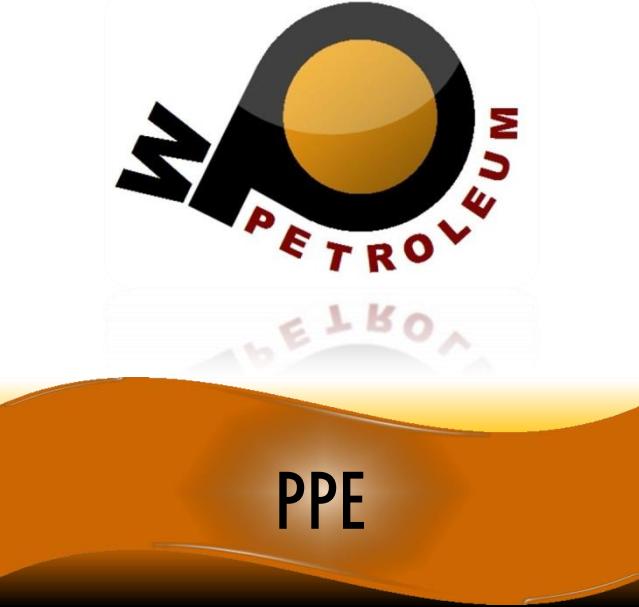
There are different sizes, styles and colors you can choose. If you can't find the types that you want on line, please be free to contact us [sales@wppetroleum.com](mailto:sales@wppetroleum.com) directly.

## Personal Protective Equipment

WPP offers a wide range of Personal Protective Equipment for its customers. WPP offers a wide range of Personal Protective Equipment for its customers. The products lines include Nomex®, Protex® and Flash Resistant Garment which combine quality, comfort, technology, ergonomics design together. Our product lines include as follows.

DupontTM Nomex® Wear  
Fire Retardant Garment  
Protex® Wear





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## DupontTM Nomex® Wear

**Nomex®** is a registered trademark for flame-resistant meta-aramid material. It has excellent thermal, chemical and radiation resistance. WPP offers a series of Personal Protective Equipment with **Nomex®**, which combine quality, comfort, technology, ergonomics and design together.

Size and design can be tailor-made as you request.

**Name:**

Nomex® IIIA FR Coverall

**Fabric**

NOMEX® IIIA

**Selected Color**

Black / Royal Blue / Navy Blue / Orange (Additional colors are also available upon request.)

**Standards**

GB8965-1998 / EN531

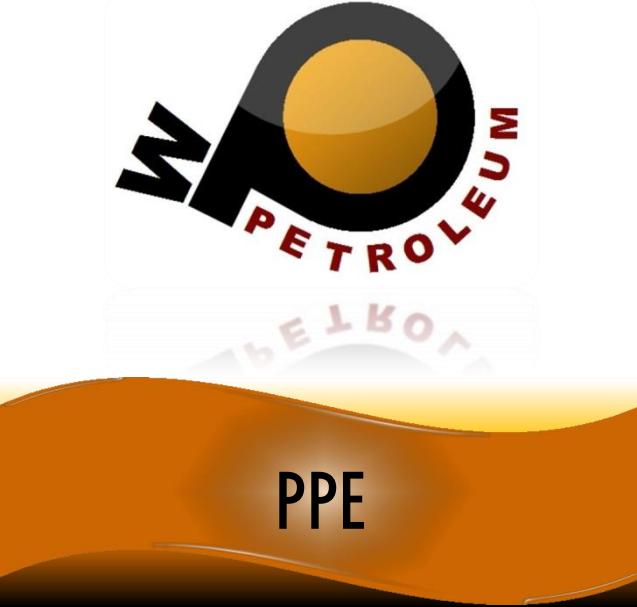
**Size**

Customer-tailored

**Application**

As working wearing, it can be used in oil and gas fields, petro-chemical plants.





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## DupontTM Nomex® Wear

### **Design Description**

Rugged double stitching seam with matched-color flame resistant threads, Square collar;  
Front lap is equipped with matched-color FR brass zipper and safety closure with stud poppers;  
Two Chest pockets with stud poppers design  
Pen-insert pocket on left sleeve  
Loop stitched on both sides of low lap to adjustment;  
Zipped back to enhance comfortability and flexibility;  
Six pockets on pants: 2 inserting on sides,2 pockets at rear, brass stud poppers on the flap, 2 utility pockets on leg,  
Elastic band on waist sides.

**(Other designs can be tailor-made as you request.)**





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WPP offers a series of anti-flash & fire retardant garments which can be made in different fabric like cotton, wool and modacrylic. Size and design can be tailor-made as you request.

## Fire Retardant Garment

### Name:

Fire Retardant Cotton resistant shirt

### Weight

200g

### Fabric

Fire retardant cotton

### Selected Colour

Navy Blue / Petrol Red / Royal Blue / Orange (Additional colours are also available upon request.)

### Standards

EN531

### Choose Size

S/M/L/XL (Additional sizes are also available upon request.)

### Design Description

Double stitching lines with flame resistant threads

Two Chest pockets with pen pocket design

Adjustable cuffs

Velcro tap

Reflective piping details

Breathable

Sweat absorbing



(Other designs can be tailor-made as you request.)

### Features

Flame resistant

### Application

As working wearing, it can be used in oil and gas fields, petro-chemical plants.



WPP offers a series of anti-flash & fire retardant garments which can be made in different fabric like cotton, wool and modacrylic. Size and design can be tailor-made as you request.

## Fire Retardant Garment

### Name:

Flame Resistant Coverall

### Fabric

Flame resistant twill, a blend of 80% modacrylic and 20% Viscose

### Selected Colour

Black / Royal Blue / Navy Blue / Orange (Additional colours are also available upon request.)

### Standards

EN531, GB8965-1998

### Choose Size

S/M/L/XL (Additional sizes are also available upon request)

### Design Description

Double stitching lines with flame resistant threads

Adjustable cuffs

Velcro tap

Breathable

Sweat absorbing

**(Other designs can be tailor-made as you request.)**

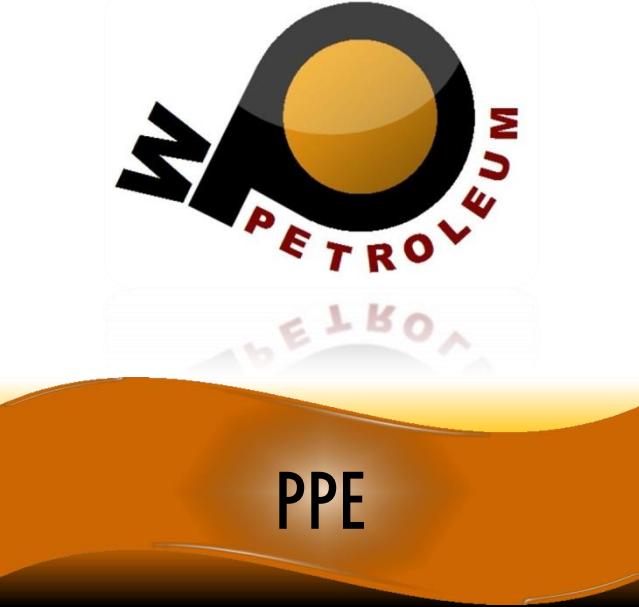
### Features

Flame resistant

### Application

As working wearing, it can be used in oil and gas fields, petro-chemical plants.





WPP offers a series of anti-flash & fire retardant garments which can be made in different fabric like cotton, wool and modacrylic. Size and design can be tailor-made as you request.

## Fire Retardant Garment

### Name:

Flame Resistant Winter Coverall

### Fabric

9.5 Oz. 100% cotton flame resistant twill, light flame resistant modacrylic liner

### Selected Colour

Fluorescent Yellow / Fluorescent Blue/ Fluorescent Orange (Additional colours are also available upon request.)

### Standards

EN531, GB8965-1998, EN471

### Choose Size

S/M/L/XL (Additional sizes are also available upon request.)

### Design Description

Double stitching lines with flame resistant threads

Adjustable cuffs

Velcro tap

Metal snaps at all closures (pockets, sleeve cuffs and tool pockets etc.)

Warm keeping

Reflective piping details

**(Other designs can be tailor-made as you request.)**

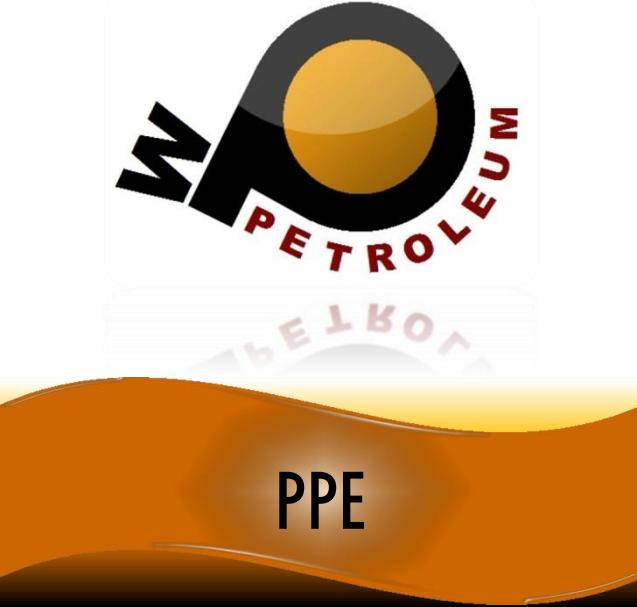
### Features

Flame resistant

### Application

As working wearing, it can be used in oil and gas fields, petro-chemical plants.





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## Protex® Wear

WPP offers a series of Personal Protective Equipment made of an advanced FR fiber called Protex® fiber. Protex® fiber is a member of Kanecaron® family. Kanecaron is a flame retardant modacrylic fiber that has been developed by Kaneka Corporation

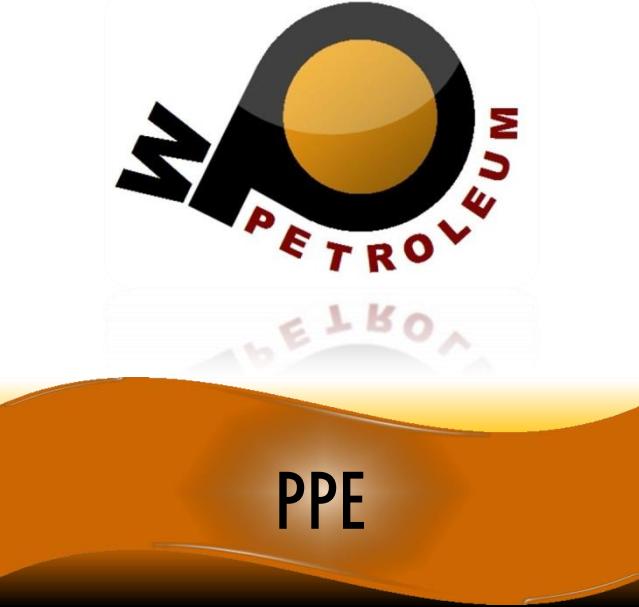
### What is Kanecaron?

Kanacaron is a performance fiber that has the characteristics of high flame retardancy (FR) in addition to the soft hand and dyeability, as is the nature of acrylic fiber. It is an inherently self-extinguishing FR fiber that imparts excellent flame-retardancy to fabrics and nonwovens in blends with other natural and synthetic fibers. There is no deterioration in flame retardancy after either repeated washing or normal use over time.

### What is Protex?

Protex is the advanced FR fiber in the Kanecaron family. Based on the original characteristic of Kanecaron, both FR and heat resistance is improved which allows blends with other flammable fibers, such as, cotton or polyester while keeping a high level of FR performance.





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## Features of Protex® Wear

### Inherently flame retardant

Protex is an inherently flame retardant product in which the fiber resin itself contains the flame retardant ingredient.

When the flame source is removed, Protex has a self extinguishing nature by which combustion stops immediately. Unlike FR after treatments, there is no deterioration in flame retardancy after either repeated washing or normal use over time.

### No Melting

Protex creates excellent charring characteristics without melting or dripping when exposed to flame and high temperature. The char forming barrier will work to prevent the flame spread and stop the burn when the flame source is removed. As there is no melting or dripping, it ensures that no potentially dangerous molten droplets are produced which could stick to the skin and cause severe burns such as may occur with polyester or other thermoplastic fibers.

### Highly Blendable

The superior properties of Protex allows for blends with other flammable fibers, such as cotton, rayon, and polyester in various combinations or with intimate blended fabric to achieve a high level of FR performance.

### Easy Processing

Protex can be blended with other fibers for intimate blends or in various fabric combinations. It can also be dyed with cationic dyestuffs, resulting in a beautiful and long lasting color shade. Similar processing conditions, as with regular acrylic fiber, can be applied to each phase of spinning, dyeing, forming. Through normal processing, woven, nonwoven, felted or knitted fabrics, can be molded with a deep shape without sacrificing the hand of the fiber.

### Chemical Resistance

Protex exhibits superior chemical resistance against acid, alkaline, organic and inorganic chemicals and is used commonly in industrial materials.

### Soft hand

Protex is light, warm, soft and flexible due to its unique fiber cross-section.



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## Protex® Wear

**Name:**

Protex® Flame Resistant Coverall

**Fabric**

Protex®

**Selected Colour**

Fluorescent Orange / Fluorescent Yellow / Fluorescent Blue (Additional colours are also available upon request.)

**Standards**

EN-531, EN-533, EN-471, EN1149-1, ASTM-D-6413, NFPA-70E, NFPA-2112

**Choose Size**

S/M/L/XL (Additional sizes are also available upon request.)

**Design Description**

Double stitching lines with flame resistant threads

Two Chest pockets with pen pocket design

Adjustable cuffs

**(Other designs can be tailor-made as you request.)**

**Application**

As working wearing, it can be used in oil and gas fields, petro-chemical plants.





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