



U.PROTEC (SHENZHEN) TECH CO.,LTD

Address: 4B, No. B2, Digital Technology Park,
Gaoxin South 7th Road, Nanshan, Shenzhen, Guangdong, China
Post Code: 518057
Tel: 86-755-24617327 86-755-26490213
Fax: 86-755-26410603 86-755-26490109
Website: <http://www.uprotec.net>
Service hotline: 400-626-5200
export@uprotec.com up5@uprotec.com



FIREFIGHTING SUIT



PROTECT YOUR LIFE EVERY MOMENT

U.PROTEC(SHENZHEN)TECH CO.,LTD

Relied upon by professional heat & industrial protective clothing over 100+ countries, U-PROTEC is a leader in the design, manufacture and supply of the heat & industrial protective clothing. We command a dominant share of our home China market, while our products and support services are also delivered via a network of our experienced distributors, to a number of major overseas markets.

Established in 2003 , we design and produce professional heat & industrial protective clothing that protects you against high temperature, flame, electric arc and toxic substances. We collaborate closely with experienced operational personnel and textile and clothing experts , constantly at work to improve our technology, materials and equipment.

Being a strategic partner of Dupont、 Honeywell and PBI company, we are offered with the well known fabrics such as Nomex、 PBI X55、 PBI matrix etc. All our products are made to conform to appropriate standards, principally for structural firefighting, including EN469 for Europe and NFPA1971 for America. Our processes are controlled by a comprehensive quality management system, externally accessed and conforming to the requirements of ISO 9001. We take it as our task to make your work easier and safer.

We see ourselves as a one-stop shop partner and also able to provide you with advice on aspects such as the care, cleaning and repair of protective clothing. If you have any questions, please contact us immediately !



> FIREFIGHTING SUIT STANDARDS

To ensure the best level of protection from firefighters' PPE, most countries demand conformity with national and international standards of performance. Since the early days of modern firefighting, Bristol has been actively involved in supporting the work of the organizations that set these standards, contributing our technical expertise, built up over 50 years of developing, designing and manufacturing firefighting PPE.

With a global presence in the supply of firefighter clothing, Bristol meets all internationally recognized standards, as well as other national standards, including German HuPF and Australian Standard AS/NZ 4697: 2009, Austrian Standard AS-04, and Russian Standard.

The principal standard setting bodies cover Europe (EN standard), the USA (NFPA standards) and a worldwide international group which sets ISO standards.

In Europe, the current standard for Structural Firefighting is EN469:2005, drafted by European committee CEN/TC162.

In complete form, EN469 tests for compliance with:

- > Heat transfer of flame and radiation
- > Resistance to liquid chemicals
- > Water vapour resistance

In the USA, the current standard NFPA1971: 2013 in complete form, calls for compliance with:

- > Thermal Protective Performance (TPP)
- > Conductive and Compressive Heat Resistance (CCHR)
- > Total Heat Loss (THL)
- > Transmitted and Stored Thermal Energy Test

The European standard EN469 tests for compliance with:

- Heat transfer of flame and radiation
- Resistance to liquid chemicals
- Water vapour resistance

In the USA, the NFPA 1971 standard also calls for compliance with:

- Thermal Protective Performance (PP)
- Conductive and Compressive Heat Resistance(CCHR)
- Blood/viral protection Total Heat Loss (THL)
- Transmitted and Store Thermal Energy Test

The international standard ISO11613- 1999 has two measurement methods: approach A, which is similar to EN469, and approach B, which has similar performance to NFPA1971. The chart opposite summarizes the performance properties between test methods used for the various standards.

> GLOSSARY OF TERMS

TPP = Thermal Protective Performance

This sophisticated test method replaced the requirement for a minimum composite thickness. Its purpose is to measure the time elapsed for convective and radiant heat to penetrate through the composite system - outer shell, thermal liner and moisture barrier - to damage the human skin.

THL = Total Heat Loss

This test specifically measures the ability of the garment to let heat pass away from the body through the 3 composite layers that make up the jacket and pants - in short, breathability.

CCHR = Conductive and Compressive

Heat Resistance
This test is intended to ensure that the shoulder and knee will provide the same level of protection as the rest of the garment when compressed. The test is run in both wet and dry conditions.

Heat Transfer (Radiation)

This test measures the time it takes for a given amount of radiant heat applied to the outer surface of the material or material assembly being tested to raise the temperature by a specific number of degrees on the inside surface.

Heat Transfer (Convective)

This test identifies the shielding factor that the material or material assembly of the garment will have against the transfer of heat generated by a flame. It measures the time taken for this heat to pass from the outer surface of the material or material assembly and raise the temperature by a specific number of degrees on the inside surface.

Water Vapour Resistance

This test is to ensure that, if a moisture barrier is included in the garment, it will not only provide the required level of protection against the transfer of water droplets but will also allow a certain amount of breathability. The measurements used to establish this are thermal resistance (Rct) and water vapour resistance (Ret).

Resistance to Liquid Chemicals

This test is to ensure that the material or material assembly of the garment gives a required level of repellency to liquid chemicals and prevents penetration to the inner most surface of the material or material assembly of the garment.

Transmitted and Stored Thermal Energy Test

This test method provides procedures for measuring the combination of transmitted and stored energy that occurs in firefighter protective clothing material systems as the result of exposure to prolonged, relatively low levels of radiant heat. Tests are carried out only on sleeve composites containing enhancements, e.g. reflective trim and reinforcement panels.

Fabric Layer	Property	Europe	USA	International	
		EN469:2005	NFPA1971:2013	ISO11613:1999 Approach A	ISO11613:1999 Approach B
Composite or Component Assembly	Heat Transfer (Flame)	✓	-	✓	-
	Heat Transfer (Radiation)	✓	-	✓	-
	Resistance to Liquid Chemicals	✓	-	✓	-
	Water Vapour Resistance	✓	-	✓	-
	Thermal Protective performance(TPP)	-	✓	-	✓
	Conductive and Compressive Heat Resistance(CCHR)	-	✓	-	-
	Total Heat Loss(THL)	-	✓	-	-
	Stored Thermal Energy Test	-	✓	-	-
All layers (tested separately)	Heat Resistance	✓ (5%)	✓ (10%)	✓ (5%)	✓ (10%)
	Dimensional Change	✓ (3%)	✓ (5%)	✓ (3%)	✓ (5%)
Outer material	Flame Resistance	✓	✓	✓	✓
	Residual Tensile Strength	✓	-	✓	-
	Tensile Strength/Breaking Strength	✓	✓	✓	✓
	Tear Strength	✓	✓	✓	✓
	Surface Wetting/Water Absorbtion	✓	✓	✓	✓
Moisture Barrier	Water Penetration Resistance	✓	✓	✓	✓
	Resistance to Liquid Chemicals	-	✓	-	-
	Viral Penetration Resistance	-	✓	-	-
	Tear Resistance	-	✓	-	✓
	Flame Resistance	-	✓	-	✓
	Light Degradation Resistance	-	✓	-	-
Thermal Barrier	Flame Resistance	✓	✓	✓	✓
	Tear Resistance	-	✓	-	✓
	Tear Resistance	-	✓	-	✓

> PERFORMANCE STANDARDS

The following are the most common CE standards:

Heat and fire protection

- > EN 469: clothing - structural firefighting
- > EN 15614, ISO 15384: clothing
- > EN 1082 series: gloves/arm guards -wildland firefighting
- > EN 1486: clothing - proximity firefighting
- > EN ISO 11611: clothing - welders
- > EN ISO 11612: clothing heat/flame protection
- > EN 1621 series: impact protectors -
- > EN ISO 14116: clothing - limited flame spread
- > EN 407: gloves - heat/flame protection
- > EN 659: gloves - firefighting
- > EN ISO 14877: clothing - abrasive blasting
- > EN 12477: gloves - welders
- > EN 13911: hoods - firefighting
- > EN/IEC 61482: clothing - electric arc flash
- > BS 7971-10: clothing - police use in public order control
- EN ISO 14460: clothing - racing drivers Visibility

Visibility

- > EN 1150: clothing - high visibility warning (leisure)
- > EN 13356: visibility accessories
- > EN ISO 20471: clothing-high visibility warning (leisure)
- GO/RT3278: clothing - UK Railway standard

Chemical protection

- > EN 943 Pts 1, 2: clothing - gas- tight (Type 1) and non gas-tight(Type2)
- > EN 14605: clothing - liquid-tight (Type 3) and spray-tight (Type 4)
- > EN ISO 13982: clothing - airborne solid particulates (Type 5)
- > EN 13034: clothing - liquid splash (Type 6)
- > EN 14126: clothing - infective agents
- > EN 374 series: gloves - chemicals and micro organisms
- > ISO 16602: clothing (Types 1,2,3, 4,5, 6)

Protection against mechanical action

- > EN 510: clothing - risk of entanglement
- > EN 381: clothing - chainsaw protection
- > EN 13998: clothing - knife protection
- > EN 1082 series: gloves/arm guards-knife protection
- > EN 388: gloves - mechanical risks
- > EN 13594/5 series: clothing and gloves - motorcyclists
- > EN 1621 series: impact protectors-Motorcyclists
- > EN 14404: knee protectors
- > EN ISO 14877: clothing-abrasive blasting

Electrostatic protection

- > EN 1149 series: clothing - tests and requirements

Radiation protection

- > EN 1073 Pts 1, 2: clothing - radioactive contamination
- > EN 421: gloves - ionising radiation /contamination
- > EN/IEC 61331: medical X-rays

Wind and cold

- > EN 342: clothing - protection against cold
- > EN 343: clothing - protection against rain
- > EN 14058: clothing - protection against cool environments
- > EN 511: gloves - protection against cold

General requirements for PPE

- > EN ISO 13688: clothing - ergonomics,Sizing etc
- > EN 420: gloves - dexterity, sizing etc

The following are the most common NFPA standards:

- > NFPA 70E Standard for Electrical Safety in the Workplace
- > NFPA 80A Recommended Practice for Protection of Buildings from Exterior Fire Exposures
- > NFPA 1404 Standard for Fire Service Respiratory Protection Training
- > NFPA 1961 Standard on Fire Hose
- > NFPA 1971 Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting
- > NFPA 1975 Standard on Emergency Services Work Apparel
- > NFPA 1976 Standard on Protective Ensemble for Proximity Fire Fighting
- > NFPA 1977 Standard on Protective Clothing and Equipment for Wildland Fire Fighting
- > NFPA 1981 Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services
- > NFPA 1983 Standard on Life Safety Rope and Equipment for Emergency Services
- > NFPA 1989 Standard on Breathing Air Quality for Emergency Services Respiratory Protection
- > NFPA 1999 Standard on Protective Clothing and Ensembles for Emergency Medical Operations
- > NFPA 2112 Standard on Flame-Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire
- > NFPA 2113 Standard on Selection, Care, Use, and Maintenance of Flame-Resistant Garments for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire



PROTECTOR OPTIMAL

UXF-PX5-001

Outer Shell:
PBI X55 58%Para-aramid / 40% PBI / 2% AS 205g/m²

Moisture Barrier:
80% Nomex/ 20% Kevlar FR Felt + FR e-PTFE membrane + FR Silicon 184g/m²

Thermal Lining:
50% Nomex / 50% FR Viscose 120g/m²

Standards: EN469:2020 X2, Y2, Z2 EN1149-5

Colors: Gold, Brown

Size: S-XXXL

Advantages :

- PBI X55 outer shell---X55 is a further addition to the range of PBI fabrics that combines high mechanical strength with all of the proven benefits of PBI fiber to deliver excellent tensile strength and tear resistance. The fabric is long lasting and maintains its good looks after repeated washing.
- Scientific 3D ergonomic design---good look, better shape, great motility



Wash and care instruction:



Features:

- 3M Scotchlite Perforated tape---high performance, more breathable
- Aramid luminous tape---extra protection in dark environment
- High strength abrasion resistant 3D reinforce for knee and elbow
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist



Protector Optimal

Protector Optimal series firefighter suit is design to provide the best protection with PBI outershell or UL certified ones.



PROTECTOR OPTIMAL

UXF-PMX-001

Outer Shell:

PBI Matrix 59%Para-aramid / 40% PBI / 1% AS 200g/m²

Moisture Barrier:

ACTMB00018 80% M-aramid/20% P-aramid laminated to FR e-PTFE Membrane108g/m²

Thermal Lining:

T70/TV120 80% Nomex/20% Kevlar 140g quilted to 50% Nomex / 50% FR Viscose 120g/m²

Standards: EN469:2020 X2, Y2, Z2 EN1149-5

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- PBI Matrix enhances the original high performing heat and flame protection from PBI Gold to create added durability and abrasion resistance. PBI Matrix will not shrink, become brittle or break open under exposure to extreme heat and flame and is available in a range of colors.
- Scientific ergonomic design---good look, better shape, great motility



EN469



Wash and care instruction:



Features:

- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce for knee and elbow
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist



PROTECTOR OPTIMAL

UPB-CE01

MATERIAL:

PBI
60% Kevlar+40% PBI

SIZE: S-XXXL

INTERNATIONAL STANDARDS:

EN 469: 2005

3M Breathable Reflective Tape

Adjustable radio pocket

High strength abrasion resistant 3D reinforce

Reinforced cuff edges with FR leather

Style Features:

- Very flexible and comfortable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce on elbow and knee with FR leather .
- Ergonomic 3D articulated on elbow and knee
- Fast open design on the front
- Elasticated braces with quick release buckles
- Waist protection , two cargo pocketing on the leg
- Drainholes for all the pockets
- Adjustable bottom

Detable H shape suspender

Adjustable waist

zip flap with FR velcro flap

High strength abrasion resistant 3D reinforce

Covenient zippers for wear on/off





• DUPONT •
Kevlar. | Nomex.



PROTECTOR OPTIMAL

UXF-X08-018

Outer Shell:

Nomex Ripstop 6.8oz

Moisture Barrier:

Stedair 3000

Thermal Lining:

100% Para-aramid quilted to 50% Nomex / 50% FR Viscose

Standards: NFPA1971:2018

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- Nomex Outer shell for UL certified products
- Scientific ergonomic design---good look, better shape, great motility

Wash and care instruction:



Features:

- Nomex Outershell by Dupont, highly proved protection for more than half century
- 3M Scotchlite Perforated tape---high performance, more breathable
- Scientific ergonomic design---good look, better shape, great motility
- Stedair 3000 moisture barrier
- YKK FR brass zipper
- UL certified products, certificate No. MH49242



pbi
PERFORMANCE
PRODUCTS



PROTECTOR OPTIMAL

UXF-X08-018

Outer Shell:

PBI Gemini XTL 6oz (205gsm)

Moisture Barrier:

Stedair 3000

Thermal Lining:

100% Para-aramid quilted to 50% Nomex / 50% FR Viscose

Standards: NFPA1971:2018

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- PBI Gemini XTL by TenCate, Optimal thermal protection with High Strength
- Scientific ergonomic design---good look, better shape, great motility

Wash and care instruction:



Features:

- YKK FR brass zipper
- Protector Foam---extraordinary protection for knee and elbow
- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist





PROTECTOR OPTIMAL

UXF-PMX-002

MATERIAL:

PBI
60% Kevlar+40% PBI

SIZE: S-XXXL

INTERNATIONAL STANDARDS:

GA10-2014, EN469:2005

3M Breathable
Reflective Tape



Radio pocket

High strength abrasion
resistant 3D reinforce

Reinforced
cuff edges

Style Features:

- Very flexible and comfortable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce with FR leather on elbow and knee
- Ergonomic 3D articulated on elbow and knee
- Fast open design on the front
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drainholes for all the pockets

Detable H shape
suspender

Adjustable waist

zip flap with
FR velcro flap

High strength abrasion
resistant 3D reinforce

Covenient zippers
for wear on/off



Protector Advance

Protector Advance series firefighter suit is design to provide premium protection with advanced materials and design.



•DUPONT•
Kevlar. | Nomex.



PROTECTOR ADVANCE

UXF-3DP-001

Outer Shell: Nomex 3DP

53%Nomex / 45% Kevlar / 2% P140 230g/m²

Moisture Barrier: ACTMB00039

80% Meta-aramid/20% Para-aramid laminated to FR e-PTFE Membrane 130g/m²

Thermal Lining: ALI00013

50% Nomex / 50% FR Viscose 120g/m²

Standards: EN469:2020-Level 2 EN1149-5

Colors: Navy

Size: S-XXXL

Advantages :

- Nomex 3DP outershell---Advanced fabric by Dupont with highly performance , excellent tensile strength and tear resistance.
- Scientific ergonomic design---good look, better shape, great motility



EN469



Wash and care instruction:



Features:

- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce for knee and elbow
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist



UPMEX®



PROTECTOR ADVANCE

UXF-FRD-001

Outer Shell: FRD Advance

60%P-aramid / 38% M-aramid / 2% AS 210g/m²

Moisture Barrier:

70% M-Aramid/30% P-Aramid laminated to FR e-PTFE Membrane 180g/m²

Thermal Lining: ALI00101

50% M-Aramid / 50% Lenzing FR 125g/m²

Standards: EN469:2020 -Level 2 EN1149-5

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- Extra protection in dark environment
- Advanced outer shell with high strength (tensile & tear)



EN469

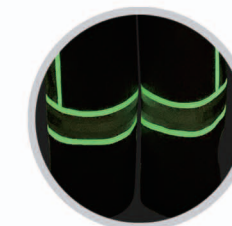


Wash and care instruction:



Features:

- 3M Scotchlite Perforated tape---high performance, more breathable
- Aramid luminous tape---extra protection in dark environment
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce for knee and elbow
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist





PROTECTOR ADVANCE

UXF-KJB-001

Outer Shell: Anti-Frozen Shell-BW ICP
93% A-aramid / 5% P-aramid / 2% AS 215g/m²

Moisture Barrier: ACTMB00058
100% aramid laminated to FR e-PTFE membrane
118g/m²

Thermal Lining: AFE00009/ALI00012
90% M-aramid/10% P-aramid 140g quilted to
50% M-aramid / 50% Lenzing FR 120g/m²

Standards: EN469:2020-Level 2 EN1149-5

Colors: Navy

Size: S-XXXL

Advantages :

- Anti-Frozen garments ---special design for winter use in frozen area
- Scientific ergonomic design---good look, better shape, great motility



EN469



Wash and care instruction:



Features:

- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce for knee and elbow
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist



PROTECTOR ADVANCE

ULP-CE02

MATERIAL:
TLP®
53% Nomex, 45% Kevlar , 2% Anti statics

SIZE: S-XXXL

INTERNATIONAL STANDARDS:
EN 469

Light fixing or
microphone loop

3M Breathable
Reflective Tape

Radio pocket

High strength abrasion
resistant 3D reinforce

Style Features:

- Very flexible and comfortable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce with FR leather on elbow and knee
- Ergonomic 3D articulated on elbow and knee
- Fast open design on the front
- Elasticated braces with quick release buckles
- Waist protection , two cargo pocketing on the leg
- Drainholes for all the pockets

Detable H shape
suspender

Adjustable waist

zip flap with
FR velcro flap

High strength abrasion
resistant 3D reinforce

Covenient zuppers
for wear on/off





PROTECTOR TOUGH

UXF-NMT-001

Outer Shell: Nomex Tough
75%Nomex / 23% Kevlar / 2% P140 220g/m²

Moisture Barrier: DYZ14-1
80% M-aramid/20% P-aramid laminated to FR e-PTFE Membrane108g/m²

Thermal Lining: T70/TV120
80% Nomex/20% Kevlar 140g quilted to 50% Nomex / 50% FR Viscose 120g/m²

Standards: EN469:2020 -Level 2 EN1149-5

Colors: Navy, Gold

Size: S-XXXL

Advantages :

- Dupont Nomex Tough outershell---Born for tough environment
- Scientific ergonomic design---good look, better shape, great motility



Wash and care instruction:



Features:

- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce for knee and elbow
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist



Protector Tough

Protector Tough series firefighter suit is design to used in tough environment with Nomex Tough outershell.



PROTECTOR TOUGH

UXF-NMT-002

Outer Shell: Nomex Tough

75%Nomex / 23% Kevlar / 2% P140 220g/m²

Moisture Barrier: DY214-1

80% M-aramid/20% P-aramid laminated to FR e-PTFE Membrane108g/m²

Thermal Lining: T70/TV120

80% M-aramid/20% P-aramid 140g quilted to 50% M-aramid / 50% FR Viscose 120g/m²

Standards: EN469:2020 -Level 2 EN1149-5

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- Scientific ergonomic design---good look, better shape, great motility
- Dupont Nomex Tough outershell---Born for tough environment



EN469



Wash and care instruction:



Features:

- Protector Foam---extraordinary protection for knee and elbow
- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist

Protector Classic

Protector Classic series firefighter suit is design to provide reliable protection with classic Nomex IIIA material.



PROTECTOR CLASSIC

UXF-X06-968

Outer Shell: Nomex IIIA
93%Nomex / 5% Kevlar / 2% P140 200g/m²

Moisture Barrier: DYZ14-1
80% M-aramid/20% P-aramid laminated to
FR e-PTFE Membrane108g/m²

Thermal Lining: T70/TV120
80% Nomex/20% Kevlar 140g quilted to 50%
Nomex / 50% FR Viscose 120g/m²

Standards: EN469:2020-Level 2 EN1149-5

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- Scientific ergonomic design---good look, better shape, great motility
- Classic Nomex IIIA by Dupont



Wash and care instruction:



Style Features:

- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce for knee and elbow
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist

PROTECTOR CLASSIC

UXF-NMX-004

MATERIAL:
Nomex IIIA
93% Nomex, 5% Kevlar, 2% Anit statics. 6.80Z

SIZE: S-XXXL

INTERNATIONAL STANDARDS:
EN 469

Light fixing or
microphone loop

Radio pocket

High strength abrasion
resistant 3D reinforce

3M Breathable
Reflective Tape

3M Breathable
Reflective Tape

Style Features:

- Very flexible and comfortable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce with FR leather on elbow and knee
- Ergonomic 3D articulated on elbow and knee
- Fast open design on the front
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drainholes for all the pockets

Detable H shape
suspender

Adjustable waist

zip flap with
FR velcro flap

High strength abrasion
resistant 3D reinforce

Covenient zippers
for wear on/off



PROTECTOR CLASSIC

UXF-NM3-001

Outer Shell: Nomex IIIA

93%Nomex / 5% Kevlar / 2% P140 200g/m²

Moisture Barrier: DYZ14-1

80% M-aramid/20% P-aramid laminated to FR e-PTFE Membrane108g/m²

Thermal Lining: T70/TV120

80% Nomex/20% Kevlar 140g quilted to 50% Nomex / 50% FR Viscose 120g/m²

Standards: EN469:2020-Level 2 EN1149-5

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- Added the anti-strike protector Foam
- Scientific ergonomic design---good look, better shape, great motility
- Classic Nomex IIIA by Dupont



EN469



Wash and care instruction:



Style Features:

- Protector Foam---extraordinary protection for knee and elbow
- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist



PROTECTOR CLASSIC

UXF-NM3-003

Outer Shell: Nomex IIIA

93%Nomex / 5% Kevlar / 2% P140 200g/m²

Moisture Barrier: DYZ14-1

80% M-aramid/20% P-aramid laminated to FR e-PTFE Membrane108g/m²

Thermal Lining: T70/TV120

80% Nomex/20% Kevlar 140g quilted to 50% Nomex / 50% FR Viscose 120g/m²

Standards: EN469:2020-Level 2 EN1149-5

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- Fashionable design---good look, better shape, great motility
- Classic Nomex IIIA



EN469



Wash and care instruction:



Features:

- Protector Foam---extraordinary protection for knee and elbow
- 3M Scotchlite Perforated tape---high performance, more breathable
- Aramid luminous tape---extra protection in dark environment
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist



PROTECTOR CLASSIC

UXF-X06-968

MATERIAL:

Option 1: shell fabric is Nomex IIIA
Option 2: shell fabric is Nomex Tough

SIZE: S-XXXL

INTERNATIONAL STANDARDS:

EN 469: 2005



Radio pocket

High strength abrasion
resistant 3D reinforce

3M Breathable
Reflective Tape

Style Features:

- Very flexible and comfortable
- Double front flap extends to neck with internal zip guard top protect throat
- Ergonomic 3D articulated on elbow and knee
- Fast open design on the front
- Elasticated braces with quick release buckles
- Waist protection , two cargo pocketing on the leg
- Drainholes for all the pockets



Detable H shape
suspender

Adjustable waist

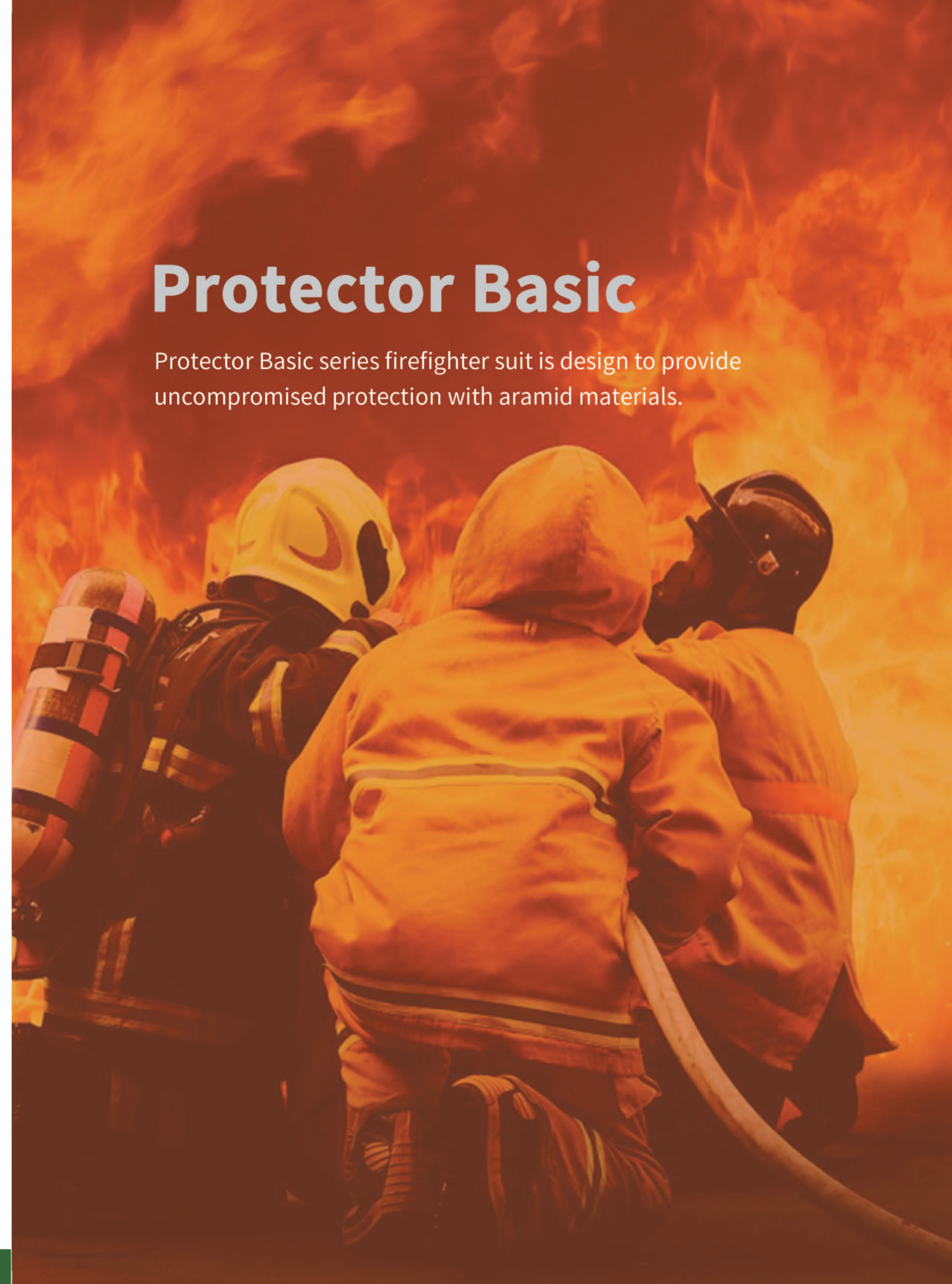
zip flap with
FR velcro flap

High strength abrasion
resistant 3D reinforce

Covenient zippers
for wear on/off

Protector Basic

Protector Basic series firefighter suit is design to provide uncompromised protection with aramid materials.



CE ARAMEX®



PROTECTOR BASIC

UXF-AM3-001

Outer Shell: Aramax IIIA

93% M-aramid / 5% P-aramid / 2% AS 200g/m²

Moisture Barrier: DYZ14-1

80% M-aramid/20% P-aramid laminated to FR e-PTFE Membrane 108g/m²

Thermal Lining: T70/TV120

80% Nomex/20% Kevlar 140g quilted to 50% Nomex / 50% FR Viscose 120g/m²

Standards: EN469:2020-Level 2 EN1149-5

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- Scientific ergonomic design---good look, better shape, great motility



EN469



Wash and care instruction:



Features:

- Protector Foam---extraordinary protection for knee and elbow
- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist

CE ARAMEX®



PROTECTOR BASIC

UXF-X07-1601

Outer Shell: Nomex IIIA

93% M-aramid / 5% P-aramid / 2% AS 200g/m²

Moisture Barrier: DYZ14-1

80% M-aramid/20% P-aramid laminated to FR e-PTFE Membrane 108g/m²

Thermal Lining: T70/TV120

80% Nomex/20% Kevlar 140g quilted to 50% Nomex / 50% FR Viscose 120g/m²

Standards: EN469:2020-Level 2 EN1149-5

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- Scientific ergonomic design---good look, better shape, great motility



EN469



Wash and care instruction:



Features:

- Protector Foam---extraordinary protection for knee and elbow
- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist

CE ARAMEX®

Metal hook for light fixing or microphone



Radio pocket

High strength abrasion resistant 3D reinforce

3M Breathable Reflective Tape

PROTECTOR BASIC

UXF-X07-1601

MATERIAL: ARAMEX®

SIZE: S-XXXL

INTERNATIONAL STANDARDS:
EN 469

Style Features:

- Very flexible and comfortable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce
- Ergonomic 3D articulated on elbow and knee
- Fast open design on the front
- Elasticated braces with quick release buckles
- Waist protection , two cargo pocketing on the leg
- Drainholes for all the pockets

Detable H shape suspender

Adjustable waist

zip flap with FR velcro flap

High strength abrasion resistant 3D reinforce



Protector Light

Protector Light series firefighter suit is design to provide the most mobility and comfort with light weight materials.



PROTECTOR LIGHT

UXF-NM3-L01

Outer Shell: Nomex IIIA

93% Nomex / 5% Kevlar / 2% AS 200g/m²

Moisture Barrier: DYZ14-1

80% M-aramid/20% P-aramid laminated to
FR e-PTFE Membrane 70g/m²

Lining: TV120

50% Nomex / 50% FR Viscose 90g/m²

Standards: EN469:2020-Level 1 EN1149-5

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- All components of the fire suit designed lightly so that they do not loose and fall off themselves. This is especially for applications near aircraft that produce downwind (e. g., in hot refueling of rotary wing, fixed wing and fixed wing aircraft).
- Compliance with DIN EN 469 Performance Level 1.
- Coverall style with ergonomic design---Comfortable to wear
- Classic Nomex IIIA by Dupont



EN469



Wash and care instruction:



Features:

- Light weight---provide more mobility
- DRD on the back
- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Adjustable waist

Wildland Protector

Wildland Protector series fire suit is design to provide reliable protection for wildland & forest fire fighting.

WILDLAND PROTECTOR

USL-NM3-001

Outer Shell: Nomex IIIA
93% Nomex / 5% Kevlar / 2% P140 200g/m²

Detachable Lining:
78% Polyimide/22% FR Polyester 290g/m²

Standards: EN15384:2020

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- Wild land Firefighter Suits are designed to offer protection whilst fighting fires in areas such as heath lands and forests and enable firefighters to work over prolonged periods in close proximity to heat and flames.
- Scientific ergonomic design---good look, better shape, great motility



EN469



Wash and care instruction:



Features:

- 3M Scotchlite Perforated tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Elasticated braces with quick release buckles
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Detachable H shape suspender
- Adjustable waist



WILDLAND PROTECTOR

USL-NM3-002

Outer Shell: Nomex IIIA
93% Nomex / 5% Kevlar / 2% P140 200g/m²

Standards: EN15384:2020

Colors: Gold, Navy

Size: S-XXXL

Advantages :

- Wild land Firefighter Suits are designed to offer protection whilst fighting fires in areas such as heath lands and forests and enable firefighters to work over prolonged periods in close proximity to heat and flames.
- Scientific ergonomic design---good look, better shape, great motility



Wash and care instruction:



Style Features:

- Light weight---provide more mobility
- DRD on the back
- Aramid reflective tape---high performance, more breathable
- Double front flap extends to neck with internal zip guard top protect throat
- High strength abrasion resistant 3D reinforce
- Radio pocket on the chest
- Fast open design on the front panel with zipper and FR velcro
- Waist protection, two cargo pocketing on the leg
- Drain holes for all the pockets
- Adjustable waist





«DUPONT»
Kevlar. | Nomex.



THERML PROTECTOR

FGR-F/A

MATERIAL:
Nomex®

SIZE:
S-XXXL

INTERNATIONAL STANDARDS:
GA 634-2015、NFPA1971



DESCRIPTION:

- This suiting only have coat, pants and gloves.
- Double front flap extends to neck with internal zip guard top protect throat
- Adopting 4 layers constructions , the surface layer is DuPont NOMEX with aluminum foil composite material, the middle layer is moisture barrier , high-quality insulation blankets, with comfortable lining.,
- Flame retardant, high temperature resistant, radiant heat resistant , waterproof , abrasion resistance , high anti peeling strength.

Thermal Protector

Thermal Protector series proximity suit is design to provide unbeatable thermal protection for firefighters



«DUPONT»
Kevlar. | Nomex.



THERML PROTECTOR

FGR-F/A

MATERIAL:
Nomex®

SIZE:
S-XXXL

INTERNATIONAL STANDARDS:
GA633-2006、EN11612、NFPA2112



DESCRIPTION:

- This equipments including in the thermal insulation suit jacket, pants, helmets, hoods, gloves, boots .
- Adopting 4layers constructions, the surface layer is DuPont NOMEX with aluminum foil composite material.
- The middle layer of moisture barrier, high-quality insulation blankets, with comfortable lining .
- Flame retardant, high temperature resistant, radiant heat resistant , waterproof , abrasion resistance , high anti peeling strength



«DUPONT»
Kevlar. | Nomex.



THERML PROTECTOR

ZFBH-FFI—QA

MATERIAL:
Nomex®

SIZE:
S-XXXL

INTERNATIONAL STANDARDS:
EN1486:2007、NFPA1971



DESCRIPTION:

- Main fabric comes from DuPont NOMEX® ADVANCE permanent fire-retardant and high-strength heat-resistant fabric with aluminum foil, multi-layer, good performance of the high-quality thermal insulation , comfortable cotton lining with phase change water circulation Temperature system.
- This suiting is mainly used for the protection of the whole body during high-temperature repair in the fields of fire or glass, cement and ceramics within a short period of time.
- Flame retardant, high temperature resistant, radiant heat resistant , waterproof , abrasion resistance , high anti peeling strength



HEAD PROTECTOR-HELMET

UTK-QK-001

Model 1: Full Shield
Model 2: Half Shield

Standards: N/A

Colors: Yellow/Red

Size: One size fits all

Wash and care instruction:



HEAD PROTECTOR-HELMET

UTK-QK-002

Model 1: Full Shield
Model 2: Half Shield

Standards: N/A

Colors: Yellow/Red

Size: One size fits all

Wash and care instruction:



HEAD PROTECTOR-HOOD

UAM-H01-1110

MATERIAL:
Nomex®/Aramid/Kevlar

SIZE: One size fits all

INTERNATIONAL STANDARDS:
EN13911

DESCRIPTION:

- Head protection parts for the head and neck and shoulder part of the shoulder
- With openings in the face parts, the overall use of three-pin five-wire sewing
- Hem at the edge of the package design

HEAD PROTECTOR-HOOD

UAM-H01-1110

MATERIAL:
Nomex®/Aramid/Kevlar

SIZE: One size fits all

INTERNATIONAL STANDARDS:
EN13911

DESCRIPTION:

- Two layers with the fabric metal- aramid / FR visco , 200gsm
- Coverage of the neck , shouldersand upper body
- Good elastic on the face opening
- Good comfortable , durable



CE



HAND PROTECTOR-GLOVES

UK157

MATERIAL:

Upmex®

SIZE: S-XXXL

INTERNATIONAL STANDARDS:

EN 659

DESCRIPTION:

- 3D gloves, in the palm of your hand, finger-tips with a wear-resistant leather design, the back of the Department of the elastic folds to facilitate bending, with a yellow reflective material. Wrist with elastic adjustment

FOOT PROTECTOR-RESCUE BOOTS

RS023

SIZE: 39-48

DESCRIPTION:

- Insole with anti-smashing steel design
- Sole with non-slip and puncture-resistant features
- A quick zipper opening on the inside of the shoe



CE

HAND PROTECTOR-GLOVES

UK158

MATERIAL:

Nomex®/Modacrylic Blended

SIZE: S-XXXL

DESCRIPTION:

- Three layers , made of Aramid knit
- Waterproof , flame retardant , cut protection , abrasion resistant , breathable , comfortable
- Wrist with elastic adjustment



CE

FOOT PROTECTOR-BOOTS

UXF-XFX-001 UXF-XFX-02

Model 1: Rubber Style

Model 2: Leather Style

Standards: N/A

Colors: Yellow

Size: 39-48

Wash and care instruction:



EN 15090



CE