PROTEK™

FIREFIGHTING GARMENT

PROTEK® Firestar

KIVANÇ Group

KIVANC GROUP

DIVISIONS

Established in 1980, Kıvanç Group continues its activities in 3 divisions:

ENGINEERING

Glass Fiber Thermal Insulation Materials

MINING

Silica/Quartz Sand
Musselstone

SAFETY

Heat & Flame Protective Clothing

TECHNICAL ASSISTANCE

As an expert in personal protective clothing industry, we give technical assistance to our customers. Our experienced technical staff recommends the correct materials according to the risk analysis of our customers. Our Design Studio Team recommends the perfect design meeting EN standard requirements and customer wishes.

DESIGN STUDIO

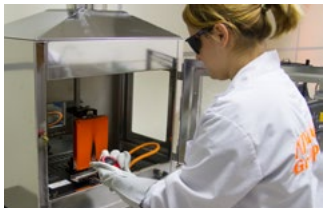
We have our own Design Studio and we develop customized solutions for different applications. Starting from scratch, we develop all details of a protective clothing by means of Adobe Illustrator, Adobe Photoshop, Gerber and other software programs. We have expertize in combining customer wishes and EN standard requirements to make the perfect design.

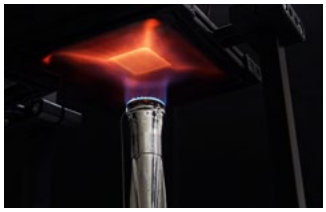
HIGH QUALITY PRODUCTS

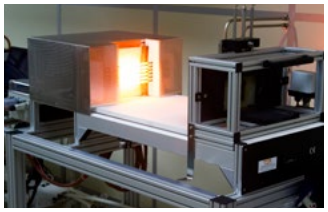
Using high quality materials is a key factor in order to have long term relationship with our customers. In order to do that we are working with PBI®, DuPont™ Nomex®, Lenzing FR® and 3M Scotchlite™ products. We are an official partner of PBI Performance Products, Inc.

SCIENCE LABORATORY

We built the first heat laboratory in Turkey for personal protective garments. Following the second investment that we have made, our physical test laboratory has commenced to provide services. In our heat and physical test laboratory, raw materials (fabrics, accessories etc.) and finished products (protective garments) are tested in accordance to EN and ISO standards. In our laboratory, which serves for R&D purposes also, new products are developed and all controls are performed before CE certification. These controls enhance product reliability and expedite required processes.







ISO 9001 QUALITY SYSTEM

We are an ISO 9001 certified company. All processes are recorded and audited through strict procedures.

ERP SYSTEM

We use an ERP (Enterprise Resource Planning) System to keep track of all records. All divisions are integrated: Purchasing, Sales, Production, Accounting, Warehouse, Import, Export etc.

BARCODE SYSTEM

We implemented Barcode System in 2011. We use a unique barcode system which enables us tracking each individual product seperately.

TRACEABILITY

Using a barcode system enables us to track each individual item. We can track the history of a garment through its barcode: When was this product manufactured and which Product Order Number was used? Which raw materials are used in this production? From which supplier at which date with which lot number were these raw materials bought? Traceability is possible in each step.

CE CERTIFICATION

Our products are tested according to European Standards and are CE certified by accredited notified bodies / laboratories in Europe.

PRODUCT LIABILITY INSURANCE

Our customers are in safe hands. We have a Product Liability and Third Party Liability Insurance. This insurance covers the claims for bodily/material loss or damage as a result of the usage of the insured product.

PROTEK® FIRESTAR Layer Options

ASSEMBLY		OUTER LAYER	MOISTURE BARRIER	HEAT BARRIER	MODEL
NO	NAME				
EN 469:LEVEL2 Xf2, Xr2, Y2, Z2					
033	FIRESTOP	390 - PBI® X55 205 g/m² 40% PBI 59% Para-Aramid 1% Antistatic	4003 - Heat resistant 3D Nonwoven laminated to an ePTFE bicomponent Membrane (165 g/m²)	5000 - Heat resistant nonwoven quilted to an Aramid/Viscose FR inner lining(205 g/m²)	832175
011	MATRIX	388 - PBI® Matrix 205 g/m² 40% PBI 58% Para-Aramid 2% Antistatic	4001 - Heat resistant nonwoven laminated to a PU Membrane (125 g/m²)	5000 - Heat resistant nonwoven quilted to an Aramid/Viscose FR inner lining (205 g/m²)	832109 832140
018	MATRIX PLUS	388 - PBI® Matrix 205 g/m² 40% PBI 58% Para-Aramid 2% Antistatic	4002 - Heat resistant nonwoven laminated to an ePTFE bicomponent Membrane (125 g/m²)	5000 - Heat resistant nonwoven quilted to an Aramid/Viscose FR inner lining (205 g/m²)	832109 832140
013	PANO	387 - PBI® Gold 205 g/m² 40% PBI 58% Para-Aramid 2% Antistatic	4001 - Heat resistant nonwoven laminated to a PU Membrane (125 g/m²)	5000 - Heat resistant nonwoven quilted to an Aramid/Viscose FR inner lining (205 g/m²)	832109 832140
007	FIRE	385 - Nomex® Outershell Tough 195 g/m² 75% Meta-Aramid 23% Para-Aramid 2% Antistatic	4000 - Heat resistant nonwoven laminated to a PU Membrane (90 g/m²)	5006 - Double layer Heat resistant nonwoven quilted to a Nomex® Comfort inner lining (220 g/m²)	832134
008	FREE	386 - Fire-Resist 195 g/m² 75% Meta-Aramid 23% Para-Aramid 2% Antistatic	4001 - Heat resistant nonwoven laminated to a PU Membrane (125 g/m²)	5000 - Heat resistant nonwoven quilted to an Aramid/Viscose FR inner lining (205 g/m²)	832143 832156 832147
030	FREE PLUS	386 - Fire-Resist 195 g/m² 75% Meta-Aramid 23% Para-Aramid 2% Antistatic	4002 - Heat resistant nonwoven laminated to an ePTFE bicomponent Membrane (125 g/m²)	5000 - Heat resistant nonwoven quilted to an Aramid/Viscose FR inner lining (205 g/m²)	832143 832156 832147
014	POWER	389 - Nomex® Outershell Tough 195 g/m² 75% Meta-Aramid 23% Para-Aramid 2% Antistatic	4001 - Heat resistant nonwoven laminated to a PU Membrane (125 g/m²)	5000 - Heat resistant nonwoven quilted to an Aramid/Viscose FR inner lining (205 g/m²)	832143 832156 832147
017	POWER PLUS	389 - Nomex® Outershell Tough 195 g/m² 75% Meta-Aramid 23% Para-Aramid 2% Antistatic	4002 - Heat resistant nonwoven laminated to an ePTFE bicomponent Membrane (125 g/m²)	5000 - Heat resistant nonwoven quilted to an Aramid/Viscose FR inner lining (205 g/m²)	832143 832156 832147

EN 469:2005

EN 469:2005 This European Standard specifies minimum levels of performance requirements for protective clothing to be worn during firefighting operations and associated activites such as rescue work, assistance during disasters. This European Standard covers general clothing design, minimum performance levels of the materials used and methods of test to be used to determine these performance levels. Firefighting Garments shall provide protection for the firefighters torso, neck, arms to the wrists, and leg to ankles during the activites.

EN 469: 2005 Level 2 is the higher requirement for structural fire fighting and is used by professional firefighters. Level 2 Suits should include a waterproof moisture barrier.

Xf2 = Convective heat $HTI_{24} \geq 13$ s and $HTI_{24} - HTI_{12} \geq 4$ s

Xr2 = Radiant heat $RHTI_{24} \geq 18$ s and $RHTI_{24} - RHTI_{24} \geq 4$ s

Y2 = Water resistance ≥ 20 kPa

Z2 = Water vapour resistance ≤ 30 m² Pa/W

PROTEK® FIRESTAR Aluminized Layer Options

ASSEMBLY		OUTER LAYER	MOISTURE BARRIER	HEAT BARRIER	MODEL
NO	NAME				
EN 1486					
002	ALU ADK 290	378 - Aluminized Para-Aramid 290 g/m²	4000 - Heat resistant nonwoven laminated to a PU Membrane (90 g/m²)	5004 - Double layer Aramid felt quilted to an Aramid/Viscose FR inner lining (380 g/m²)	830100
003	ALU ADK APC	304 - Aluminized Glass Fabric 500 g/m²		5005 - Three layers of Aramid felt quilted to an Aramid/Viscose FR inner lining (500 g/m²)	830102

EN 1486:2007 - Aluminized Protective Clothing for Firefighters
This Garment is intended for use in specialized fire-fighting operations, which may include the activities of rescue and fire suppression at incidents involving very high levels of radiant, convective and contact heat, such as aircraft fires, bulk flammable gas and bulk flammable liquid fires.
These operations are conducted close to the fire but do not involve fire entry. Suitable Breathing Apparatus must be used together with the garment. The period for which protection will be provided by a protective garment can not be precisely stated as it will depend on the specific conditions encountered. The level of protection as outlined within EN 1486 is achieved through the use of multi-layer clothing assembly. The Overjacket, Overtrousers, Shroud, gloves and boots with gaiters have been designed to for protection as defined in EN 1486 on its own without under garments.

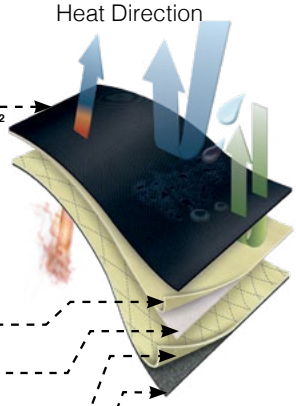
EN 1486

832143

832143 Model Layer Options

POWER

Heat Direction



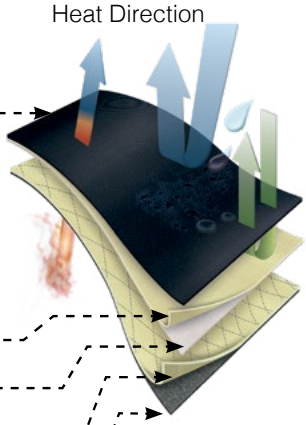
Outer Layer
389 - Nomex® Outershell Tough 195 g/m²
75% Meta-Aramid
23% Para-Aramid
2% Antistatic

Moisture Barrier
4001 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to a PU Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

POWER PLUS

Heat Direction



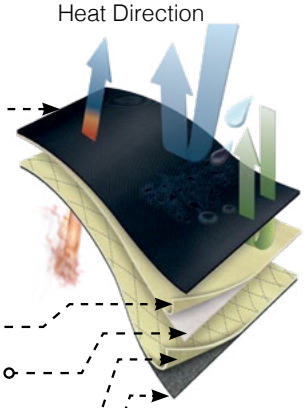
Outer Layer
389 - Nomex® Outershell Tough 195 g/m²
75% Meta-Aramid
23% Para-Aramid
2% Antistatic

Moisture Barrier
4002 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to an ePTFE bicomponent
Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

FREE

Heat Direction



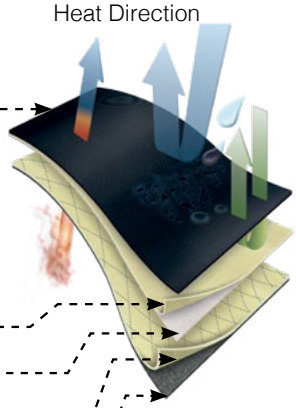
Outer Layer
386 - Fire-Resist 195 g/m²
75% Meta-Aramid
23% Para-Aramid
2% Antistatic

Moisture Barrier
4001 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to a PU Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

FREE PLUS

Heat Direction



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Membrane (125 g/m²)

Heat Barrier
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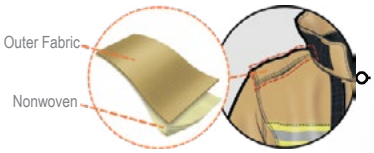
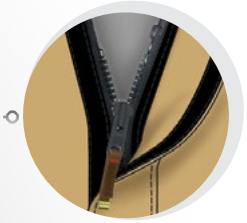
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

KIVANÇ Group

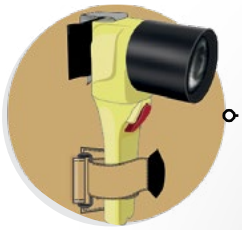
SUIT 832143
JACKET 841147
TROUSERS 842142



Reinforcement on shoulder



Panic zipper is used for quick unzipping in emergency case.

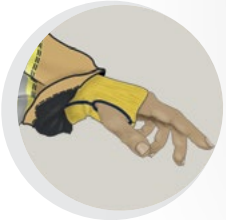


Torch loop and fastener

Armpit gussets are used to increase mobility.

Sleeve hem of suit is adjustable to fit the wrist

There is a radio pocket, which has adjustable height.



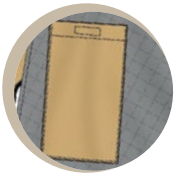
There are Anti wicking bands that prevent ingress of liquids. Knitted cuffs are used to prevent ingress of flame and burning parts.

There is a hanger tab with snap fastener in pocket to hang gloves when they are not used.

There is a tab to hold the zipper easily with gloves

There is hanger tab in inner coat to hang and dry after washing.

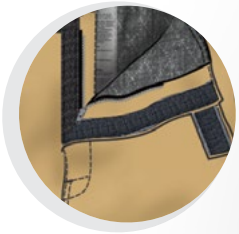
Anti wicking band that prevents ingress of liquids on tail part of jacket.



There is a pocket inside of the jacket to put personal belongings.

There is an adjustable ergonomic suspender that helps to fit to any body size.

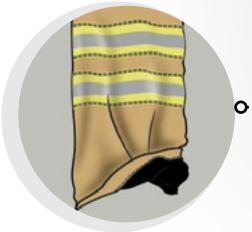
Functional semi bellow pockets with flap.



Front fly can be easily opened and closed with Velcro band and zipper.

Suspenders can be removed from pants, thanks to this it can be easily replaced in case of any damage.

Wear resistant knee reinforcement.



There is an anti wicking band that prevents liquid ingress on trotters.

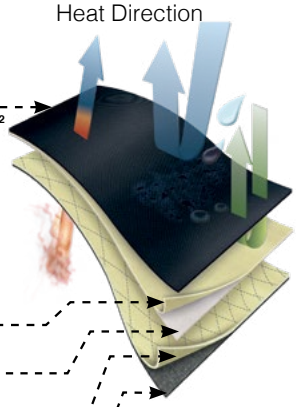
Waist adjustment with side straps

832156

832156 Model Layer Options

POWER

Heat Direction



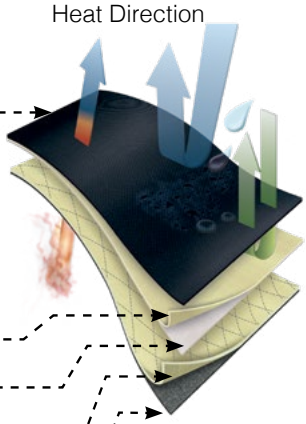
Outer Layer
389 - Nomex® Outershell Tough 195 g/m²
75% Meta-Aramid
23% Para-Aramid
2% Antistatic

Moisture Barrier
4001 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to a PU Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

POWER PLUS

Heat Direction



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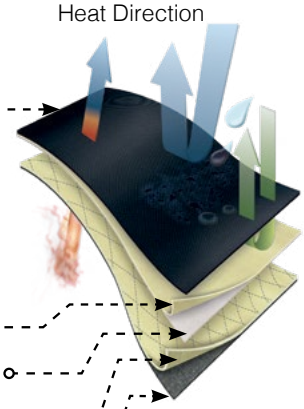
2% Antistatic

Moisture Barrier
4002 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to an ePTFE bicomponent
Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

FREE

Heat Direction



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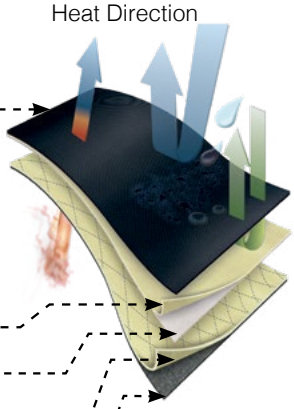

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KIVANÇ Group

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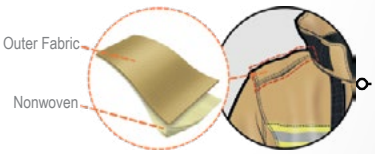
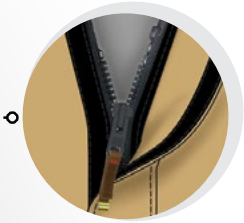
JACKET 841147
TROUSERS 842152





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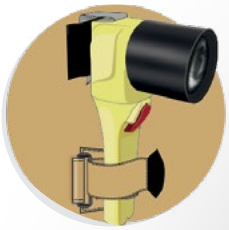

Torch loop and fastener

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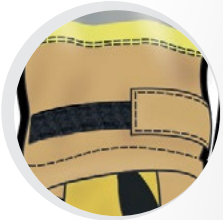


Sleeve hem of suit is adjustable to fit the wrist

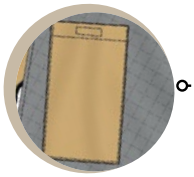
There is a radio pocket, which has adjustable height.

There are Anti wicking bands that prevent ingress of liquids. Knitted cuffs are used to prevent ingress of flame and burning parts.

There is a hanger tab with snap fastener in pocket to hang gloves when they are not used.

There is a tab to hold the zipper easily with gloves

There is hanger tab in inner coat to hang and dry after washing.



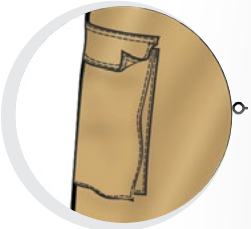
There is a pocket inside of the jacket to put personal belongings.

Anti wicking band that prevents ingress of liquids on tail part of jacket.

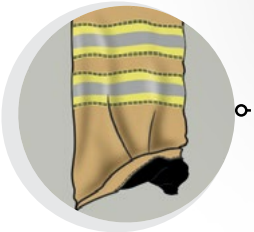
There is an adjustable ergonomic suspender that helps to fit to any body size.

Front fly can be easily opened and closed with Velcro band and zipper.

Suspenders can be removed from pants, thanks to this it can be easily replaced in case of any damage.



Functional semi bellow pockets with flap.



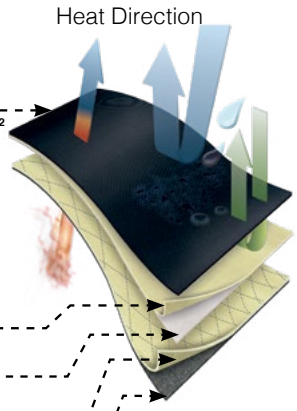
There is an anti wicking band that prevents liquid ingress on trotters.

Waist adjustment with side straps

832147

832147 Model Layer Options

POWER

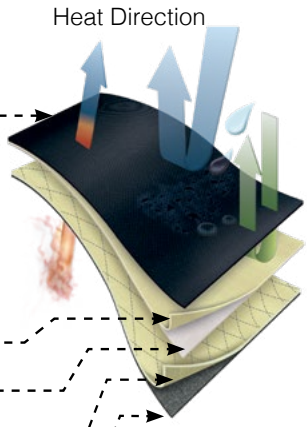


Outer Layer
389 - Nomex® Outershell Tough 195 g/m²
75% Meta-Aramid
23% Para-Aramid
2% Antistatic

Moisture Barrier
4001 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to a PU Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

POWER PLUS



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2% Antistatic

Moisture Barrier
4002 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
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Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
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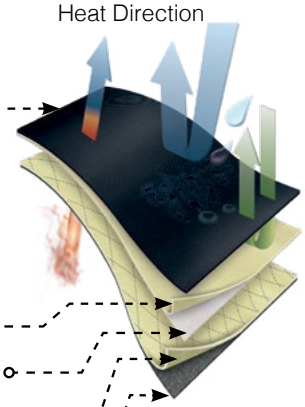
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

FREE

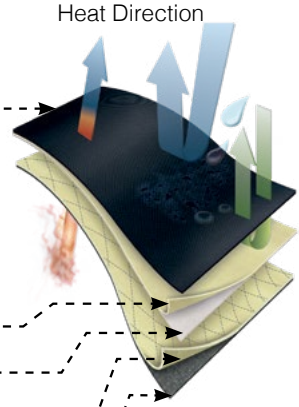


Outer Layer
386 - Fire-Resist 195 g/m²
75% Meta-Aramid
23% Para-Aramid
2% Antistatic

Moisture Barrier
4001 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to a PU Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

FREE PLUS



Outer Layer
386 - Fire-Resist 195 g/m²
75% Meta-Aramid
23% Para-Aramid
2% Antistatic

Moisture Barrier
4002 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to an ePTFE bicomponent
Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

KIVANÇ Group

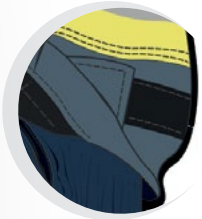
SUIT 832147
JACKET 841101
TROUSERS 842146

Panic zipper is used for quick unzipping in emergency case.

There is a front collar flap that can be adjusted to neck of person.

There is a radio pocket, which has adjustable height.

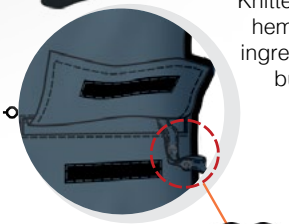
Armpit gussets are used to increase mobility.



Sleeve hem of suit is adjustable to fit the wrist

Knitted cuff at sleeve hems that prevent ingress of flame and burning parts

There is a tab to hold the zipper easily with gloves



There is a hanger tab with snap fastener in pocket to hang gloves when they are not used.

There is a pocket inside of the jacket to put personal belongings.

There is hanger tab in inner coat to hang and dry after washing.

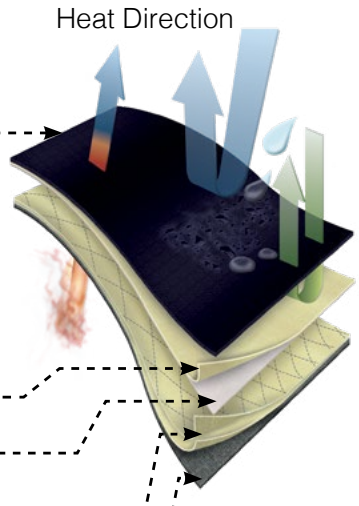
There is an adjustable ergonomic suspender that helps to fit to any body size.

Front fly can be easily opened and closed with Velcro band and a snap button.

832134

832134 Model Layer Options

FIRE



Outer Layer
385 - Nomex® Outershell Tough 195 g/m²
75% Meta-Aramid
23% Para-Aramid
2% Antistatic

Moisture Barrier
4000 - Heat resistant nonwoven
(85% Meta-Aramid / 15% Para-Aramid)
laminated to a PU Membrane (90 g/m²)

Heat Barrier
5006 - Double layer Heat resistant nonwoven
(85% Meta-Aramid/15% Para-Aramid)
quilted to a Nomex® Comfort inner lining (220 g/m²)

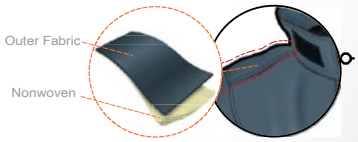
KIVANÇ Group

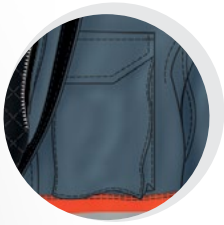
SUIT 832134
JACKET 841102
TROUSERS 842135

Panic zipper is used for quick unzipping in emergency case.

There is a front collar flap that can be adjusted to neck of person.

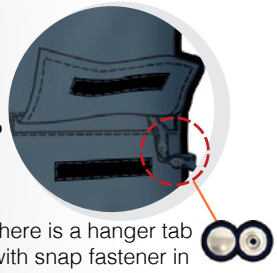
Reinforcement on shoulder



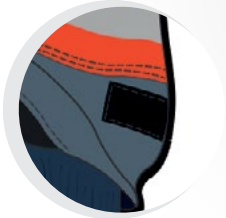


Radio pocket

Armpit gussets are used to increase mobility..



There is a hanger tab with snap fastener in pocket to hang gloves when they are not used.



Sleeve hem of suit is adjustable to fit the wrist

There are Anti wicking bands that prevent ingress of liquids. Knitted cuffs are used to prevent ingress of flame and burning parts.

There is hanger tab in inner coat to hang and dry after washing.

There is a pocket inside of the jacket to put personal belongings.

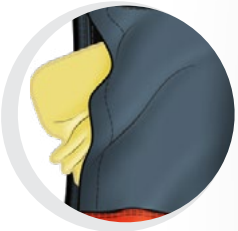
Anti wicking band that prevents ingress of liquids on tail part of jacket.

There is an adjustable ergonomic suspender that helps to fit to any body size.

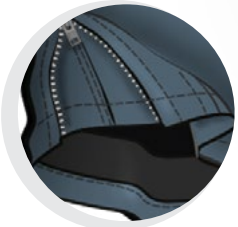
Functional semi bellow pockets with flap.

Front fly can be easily opened and closed with Velcro band and a snap button.

Suspenders can be removed from pants, thanks to this it can be easily replaced in case of any damage.



Knee reinforcement with replaceable aramid padding



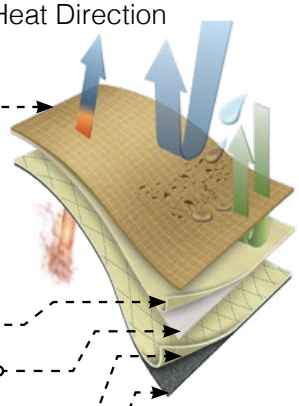
There is an antiwicking band that prevents liquid ingress. Additional zipper helps narrowing down trotters after boots are worn.

832109

832109 Model Layer Options

MATRIX

Heat Direction



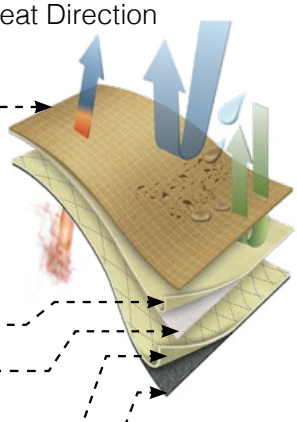
Outer Layer
388 - PBI® Matrix 200 g/m²
40% PBI®
58% Para-Aramid
2% Antistatic

Moisture Barrier
4001 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to a PU Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

MATRIX PLUS

Heat Direction



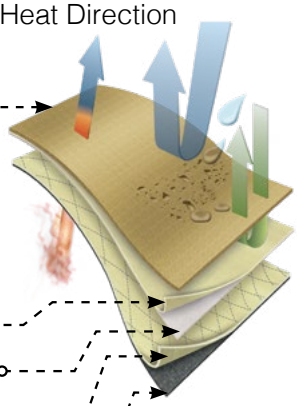
Outer Layer
388 - PBI® Matrix 200 g/m²
40% PBI®
58% Para-Aramid
2% Antistatic

Moisture Barrier
4002 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to an ePTFE bicomponent
Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

PANO

Heat Direction



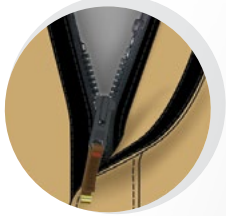
Outer Layer
387 - PBI® Gold 205 g/m²
40% PBI®
58% Para-Aramid
2% Antistatic

Moisture Barrier
4001 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to a PU Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

KIVANÇ Group

SUIT 832109
JACKET 841110
TROUSERS 842109



Panic zipper is used for quick unzipping in emergency case.

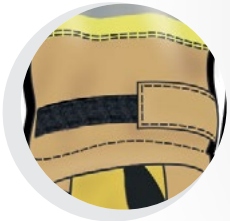
There is a front collar flap that can be adjusted to neck of person.

Armpit gussets are used to increase mobility.

There is a radio pocket, which has adjustable height.

Torch loop and fastener

There is a hanger tab with snap fastener in pocket to hang gloves when they are not used.



Sleeve hem of suit is adjustable to fit the wrist

There are Anti wicking bands that prevent ingress of liquids. Knitted cuffs are used to prevent ingress of flame and burning parts.

There is a tab to hold the zipper easily with gloves

There is hanger tab in inner coat to hang and dry after washing.

Anti wicking band that prevents ingress of liquids on tail part of jacket.

There is a pocket inside of the jacket to put personal belongings.

There is an adjustable suspender that helps to fit to any body size.

Front fly can be easily opened and closed with Velcro band and a snap button.

Functional semi bellow pockets with flap.

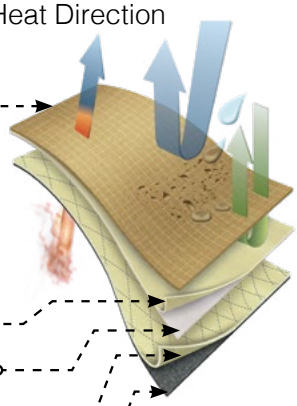
Wear resistant knee reinforcement.

832140

832140 Model Layer Options

MATRIX

Heat Direction



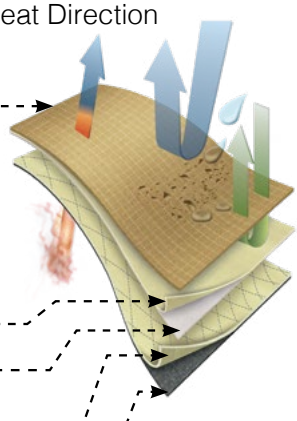
Outer Layer
388 - PBI® Matrix 200 g/m²
40% PBI®
58% Para-Aramid
2% Antistatic

Moisture Barrier
4001 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to a PU Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

MATRIX PLUS

Heat Direction



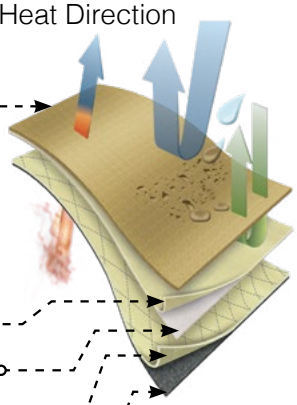
Outer Layer
388 - PBI® Matrix 200 g/m²
40% PBI®
58% Para-Aramid
2% Antistatic

Moisture Barrier
4002 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to an ePTFE bicomponent
Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

PANO

Heat Direction



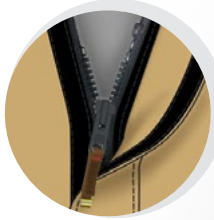
Outer Layer
387 - PBI® Gold 205 g/m²
40% PBI®
58% Para-Aramid
2% Antistatic

Moisture Barrier
4001 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
laminated to a PU Membrane (125 g/m²)

Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

KIVANÇ Group

SUIT 832140
JACKET 841100
TROUSERS 842140



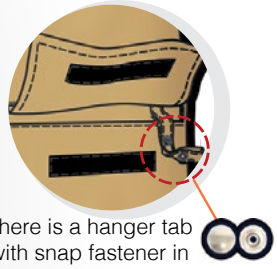
Panic zipper is used for quick unzipping in emergency case.

There is a front collar flap that can be adjusted to neck of person.

Armpit gussets are used to increase mobility.

There is a radio pocket, which has adjustable height.

There are Anti wicking bands that prevent ingress of liquids. Knitted cuffs are used to prevent ingress of flame and burning parts.



There is a hanger tab with snap fastener in pocket to hang gloves when they are not used.

Sleeve hem of suit is adjustable to fit the wrist.

There is a tab to hold the zipper easily with gloves.

There is hanger tab in inner coat to hang and dry after washing.

Anti wicking band that prevents ingress of liquids on tail part of jacket.

There is a pocket inside of the jacket to put personal belongings.

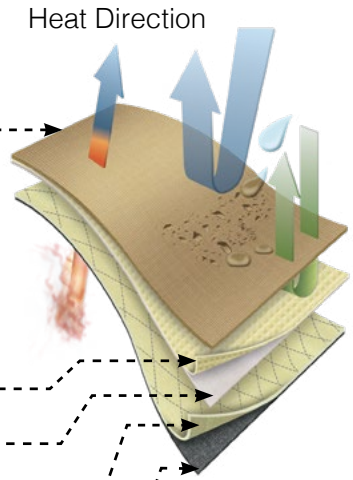
There is an adjustable suspender that helps to fit to any body size.

Front fly can be easily opened and closed with Velcro band and a snap button.

832192

832192 Model Layer Options

FIRESTOP



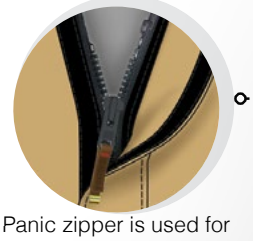
Outer Layer
390 - PBI® X55 Gold 205 g/m²
40% PBI®
59% Para-Aramid
1% Antistatic

Moisture Barrier
4003 - Heat resistant 3D Nonwoven
(67% Meta-Aramid / 33% Para-Aramid)
laminated to an ePTFE bicomponent
Membrane (165 g/m²)

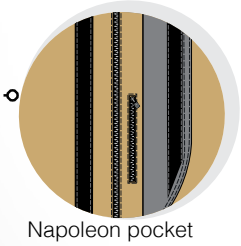
Heat Barrier
5000 - Heat resistant nonwoven
(85% Meta-Aramid / 15%Para-Aramid)
quilted to an Aramid/Viscose FR
inner lining (205 g/m²)

KIVANÇ Group

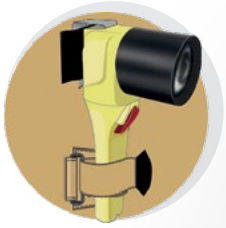
SUIT 832192
JACKET 841194
TROUSERS 842181



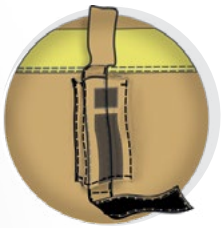
Panic zipper is used for quick unzipping in emergency case.



Napoleon pocket

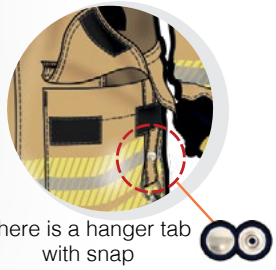


Torch loop and fastener

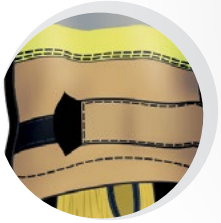


There is a radio pocket, which has adjustable height.

Armpit gussets are used to increase mobility.

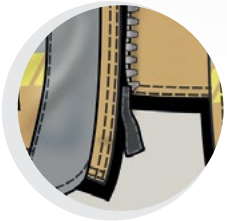


There is a hanger tab with snap fastener in pocket to hang gloves when they are not used.

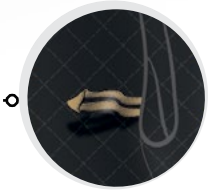


Sleeve hem of suit is adjustable to fit the wrist.

There are Anti wicking bands that prevent ingress of liquids. Knitted cuffs are used to prevent ingress of flame and burning parts.



There is a tab to hold the zipper easily with gloves.



There is hanger tab in inner coat to hang and dry after washing.

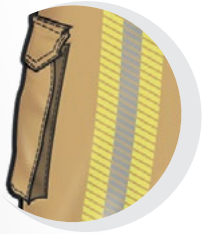
There is a pocket inside of the jacket to put personal belongings.

Anti wicking band that prevents ingress of liquids on tail part of jacket.

KIVANÇ Group

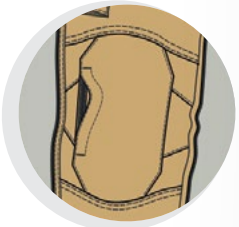
There is an adjustable ergonomic suspender that helps to fit to any body size.

Front fly can be easily opened and closed with Velcro band and a snap button.



Functional semi bellow pockets with flap.

Suspenders can be removed from pants, thanks to this it can be easily replaced in case of any damage.



Wear resistant knee reinforcement with replaceable padding.

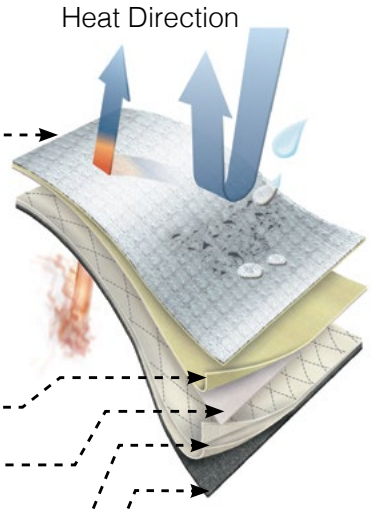
There is an antiwicking band that prevents liquid ingress. Additional flap helps narrowing down trotters after boots are worn.

Elastic band for waist adjustment and additional belt loops.

830100

Aluminized Suit Layer Options

ALU ADK 290

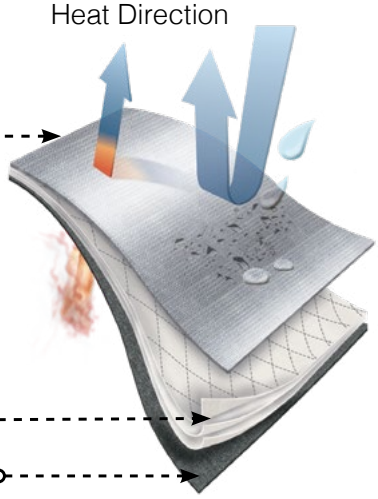


Outer Layer
378 - Aluminized Para-Aramid 290 g/m²

Moisture Barrier
4000 - Heat resistant nonwoven
(85% Meta-Aramid / 15% Para-Aramid)
laminated to a PU Membrane (90 g/m²)

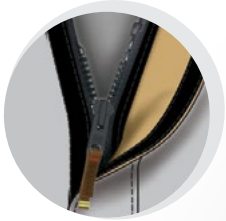
Heat Barrier
5004 - Double layer Aramid
felt quilted to an Aramid/Viscose FR
inner lining (380 g/m²)

ALU ADK APC



Outer Layer
304 - Aluminized Glass Fabric 500 g/m²

Heat Barrier
5005 - Three layers of Aramid
felt quilted to an
Aramid/Viscose FR inner lining (500 g/m²)



Panic zipper is used for quick unzipping in emergency case.

There is a front collar flap that can be adjusted to neck of person.

Knitted cuffs at sleeve hems that prevent ingress of flame and burning parts

Glove

Shroud

Gaiter

Aluminized garment set consists of jacket, trousers, shroud, gaiter, boot, gloves and carrying bag.

- In ALU ADK 290 model bottom part of the gaiter is made of fabric. (model no: 830100)
- In ALU ADK APC model the bottom part of the gaiter is made of leather. (model no: 830102)

Adjustable suspenders to fit any body size.

Front fly can be easily opened and closed with Velcro band and zipper.

Carrying Bag

Boots

OUR OTHER PRODUCTS SPECIFIC TO YOU

FIREFIGHTING and SEARCH RESCUE BOOTS

Boots are certified according to EN 15090 firefighter standard. They are ergonomic, heat insulated, protective against ankle sprain, steel toed models are available.

FIREFIGHTING HELMETS

Helmets are certified according to EN 443 standards and have high temperature resistance as well as they ensure visibility in dark environments and at night by emitting light thank to their photo luminescent feature.

BREATHING APPARATUS

Back plates have durability to cope with challenging conditions. Each component has been selected and designed carefully. Carbon/Para-Aramid to composite tube ensures comfort due its lightness.

FIREFIGHTING GLOVES

Fabric and leather gloves that are certified to EN 659 standards are protective against high temperatures, flame and external factors and are ergonomic.

KIVANÇ Group

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