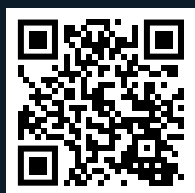




# FIRECAT

Built for the Brave

# HEAT



## FIREFIGHTER PROTECTIVE EQUIPMENT

Follow us on



Staying safe in the  
face of extreme heat.

[www.fire-cat.eu](http://www.fire-cat.eu)





## Dear firefighters,

The FireCat textile company is based in Celje, the central hub of the Savinjska region. Founded in 1954, the company has evolved into a leading manufacturer and supplier of protective work gear in the region, excelling in both company organisation and product selection. Vigilantly tracking market, scientific, and technological advancements both in Slovenia and internationally is a cornerstone of the company's development strategy.

While our development has consistently centred on meeting customer needs and requirements, our production processes continuously incorporate the latest market solutions, utilizing cutting-edge materials and techniques for superior quality.

With a long-standing presence in the fire protection industry, we have collaborated closely with on-site users and consistently expanding our clothing selection. Our primary commitment remains centred on crafting top-quality, completely reliable fire protection attire that users can place their trust in during critical moments.

All products have been manufactured in compliance with the Regulation 2016/425 of the European Parliament and of the Council. Previously, they adhered to the Council Directive 89/686/EEC, which Slovenia has adopted as the Rules on Personal Protective Equipment. Throughout the development phase, all personal protective equipment (PPE) categories II and III undergo testing in line with the applicable harmonised standards.

The company is ISO9001, ISO14001, NATO AQAP 2110(3) and Excellent SME certified.

**Boštjan Marolt**

**Andreja Oder**



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**www.fire-cat.eu**



# EXPLANATION OF STANDARDS



EN 13688

## EN 13688

### Protective Clothing – General Requirements

The international standard specifies general requirements in ergonomics, sizing, ageing and marking of protective clothing. The clothing must be designed and manufactured to offer the highest level of comfort. Fabrics and other materials should in no way affect the user in terms of allergies or skin irritation. Sizes must be based on body measurements.



X  
Y  
Z

EN 469

## EN 469

### Firefighters Workwear – Properties Required for Protection Against Heat and Flame

**X (Level 1–2)** – Heat transfer by flame, radiation or contact

**Y (Level 1–2)** – Water Penetration

**Z (Level 1–2)** – Water vapour resistance



EN ISO 15384

## EN ISO 15384

### Firefighters Workwear – Laboratory Test Methods and Properties Required in Wildfire Protection Suits



EN 343

## EN 343

### Protective Clothing – Rain Protection

**a** – Water resistance / **b** – Vapour permeability

**R** – Water column (optional)



EN 1149-5

## EN 1149-5

### Protective Clothing – Antistatic Properties

## EN 20471

### High-visibility clothing

**Class 1** – lowest level of visibility

**Class 2** – moderate visibility

**Class 3** – highest level of visibility



EN ISO 20471

## EN 16689

### Firefighters Workwear – Properties Required in Technical Rescue Clothing



EN 16689

## EN ISO 11612

### Protective Clothing – Protection Against Heat and Flame

**A1–A2** Protection against a brief accidental contact with an open flame – surface and boundary burning **B1–B3** Protection against convective heat (B1 = lowest level of protection, B3 = highest level of protection) **C1–C4** Protection against thermal radiation (C1 = lowest level of protection, C4 = highest level of protection) **D1–D3** Protection against molten aluminium-alloy splashes (D1 = lowest level of protection, D3 = highest level of protection) **E1–E3** Protection against molten iron-alloy splashes (E1 = lowest level of protection, E3 = highest level of protection) **F1–F3** Protection against contact heat (F1 = lowest level of protection, F3 = highest level of protection).



EN ISO 11612

## EN 13911

### Firefighters Workwear – Test Methods and Requirements in Firefighter Hoods



EN 13911

## ISO 16604

### Blood and Body Fluid Protection Clothing



ISO 16604

# FIRE SECURITEX

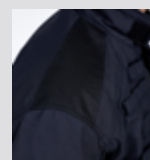
## INTERVENTION SUIT



The FIRE SECURITEX intervention suit is another of our well-tested products since it has been used for many years by more than 1,000 satisfied users in the field where saving lives is a matter of seconds. This simpler, lightweight suit is made of lighter materials that allow extremely fast movement and excellent mobility, while preserving its effective fire protection and comfort.



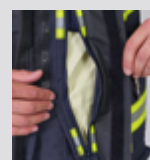
Reinforced Kevlar retractable strap on the back.



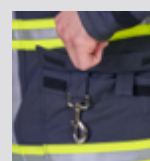
High-quality 'quick-release' zipper for quick opening in emergency.



Hook and loop fastener for sleeve adjustment, a moisture barrier on the inner side and a fireretardant cuff with a thumb hole.



Inspection openings for checking the condition of all layers of the clothing (especially the membrane and thermal lining).



Numerous functional pockets with reinforced Kevlar puller Carabiners are inserted under the flaps of side pockets for hanging equipment.



Reinforced knee section with the possibility of inserting a flame-retardant knee pad.

1. Fire-retardant protection collar covering the entire neck. 2. Sling for a microphone attachment. 3. Hook and loop fastener for a tag.
4. Pocket for a radio. 5. Pocket for a flashlight. 6. Possible sleeve adjustment. 7. Possible waist adjustment. 8. Side pockets with flaps. 9. Yellow highly reflective stripes. 10. Optional silver reflective inscription on the back. 11. Removable and adjustable comfortable shoulder straps.

# FIRE SECURITEX

## INTERVENTION SUIT

WHEN SECONDS COUNT.

### LONG DESCRIPTION

The FIRE SECURITEX intervention clothing is a two-piece suit consisting of a protective jacket and protective trousers with removable and adjustable shoulder straps. It has a zipper that allows quick unfastening in case of emergency. The neck area is well covered by a protective collar. It has adjustable sleeve cuffs, waistband and bottom of trousers. There is a flame-retardant cuff with a thumbhole at the end of the sleeves and a reinforced Kevlar knee section on the trousers to allow the insertion of a flame-retardant knee pad. The elbow is also reinforced with Kevlar. The suit features a combination of yellow and silver highly reflective stripes for better visibility in low visibility conditions. The inner and outer part of the jacket is equipped with several pockets with various functions – flashlight, radio and mobile phone holders, as well as regular

side pockets with a Kevlar puller designed for easy access even if the user is wearing protective gloves. The jacket has a Kevlar retractable strap on the upper back, designed for rescuing a firefighter out of a dangerous situation. There is a hook and loop fastener sewn on the left chest of the jacket for adding a name patch, and a reflective print on the back of the jacket, depending on the user's preference. The trousers have a cargo pocket on the right leg. There is an inner Kevlar reinforcement at the bottom of the trousers. Jacket and trousers have an inspection opening, protected by a zipper, which serves to inspect the inner layers of the clothing (mainly the membrane and thermal barrier). The clothing is available in blue, with highly reflective yellow stripes.

#### PRODUCT CODE

- Jacket: B\_224\_S1
- Trousers: H\_560\_S1

#### COLOUR OPTIONS

Blue with yellow reflective stripes

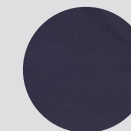
#### SIZE

48-64 (M-3XL)

#### WEIGHT OF THE SANDWICH

535g/m<sup>2</sup>

#### MATERIALS



#### OUTER LAYER

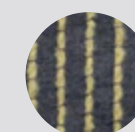
**75% Meta Aramid/23% Para Aramid/2% Antistatic fibres blend.**

The binding material is twill, which makes it more comfortable but still robust enough to maintain good protection against mechanical damage.



#### MEMBRANE

High-quality heat-insulated PU membrane, which is known for its chemical resistance, thermal stability and hydrophobic qualities. It is characterised by a dense structure that retains water drops and at the same preserves vapour permeability.



#### THERMAL BARRIER

A blend of Meta and Para Aramid and FR viscose, with integrated Kevlar thread running along the fabric.

**The TWIN SPACER – THERMAL INSULATION COMPLEX** technology uses a system of air gaps or ducts to allow better and more efficient air circulation and prevent excessive build-up of warm air, thus reducing the risk of temperature shock.



The clothing has been tested according to EN 469: 2020 and EN ISO 13688: 2013 (X2, Y2, Z2), by MIRTA KONTROL d.o.o., Zagreb, Croatia (notified body no. 2474), which issued the certificate of conformity no. QZ0173-CPT002/21-A1.



# FIRE STEDAIR

## INTERVENTION SUIT



EN 1149-5:2018

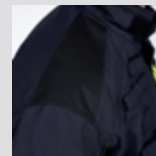


EN 469:2020

The FIRE STEDAIR intervention suit has already proven its functionality and value as it has been for many years a highly popular suit among the Slovenian firefighters who appreciate quality, comfort, and safety. The suit is robust enough to offer outstanding protection against open flame and radiation, yet light enough to allow unhindered movement.



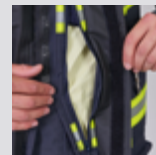
Option to widen the lower part of the trousers for easier putting on the boots.



Kevlar-reinforced shoulder area.



Hook-and-loop sleeve adjustment, inner moisture barrier, and fire-retardant cuff with thumb hole.



Inspection openings for checking the condition of all layers of the clothing (especially the membrane and thermal lining).



Numerous functional pockets with reinforced Kevlar puller Carabiners are inserted under the flaps of side pockets for hanging equipment.



Reinforced knee section with the possibility of inserting a flame-retardant knee pad.

1. Fire-retardant protection collar covering the entire neck. 2. Sling for a microphone attachment. 3. Hook and loop fastener for a tag. 4. Pocket for a radio.
5. Pocket for a flashlight. 6. Possible sleeve adjustment. 7. Possible waist adjustment. 8. Side pockets with flaps. 9. Yellow highly reflective stripes.
10. Optional silver reflective inscription on the back. 11. Removable and adjustable comfortable shoulder straps.

# FIRE STEDAIR

## INTERVENTION SUIT

MAXIMUM EMERGENCY READY.

### LONG DESCRIPTION

The FIRE STEDAIR intervention clothing is a two-piece suit consisting of a protective jacket and protective trousers with removable and adjustable shoulder straps. It has a zipper that allows quick unfastening in case of emergency. The neck area is well covered by a protective collar. It has adjustable sleeve cuffs, waistband and bottom of trousers. There is a flame-retardant cuff with a thumbhole at the end of the sleeves and a reinforced Kevlar knee section on the trousers to allow the insertion of a flame-retardant knee pad. The elbow is also reinforced with Kevlar. The suit features a combination of yellow and silver highly reflective stripes for better visibility in low visibility conditions. The inner and outer part of the jacket is equipped with several pockets with various

functions – flashlight, radio and mobile phone holders, as well as regular side pockets with a Kevlar puller designed for easy access even if the user is wearing protective gloves. There is a hook and loop fastener sewn on the left chest of the jacket for adding a name patch, and a reflective print on the back of the jacket, depending on the user's preference. The trousers have two side pockets and two cargo pockets. There is an inner Kevlar reinforcement at the bottom of the trousers. Jacket and trousers have an inspection opening, protected by a zipper, which serves to inspect the inner layers of the clothing (mainly the membrane and thermal barrier). The suit is available in blue and gold, with highly reflective yellow stripes.

#### PRODUCT CODE

- Jacket: B\_HB661
- Trousers: H\_HB661

#### COLOUR OPTIONS

- Blue with yellow reflective stripes;
- Gold with yellow reflective stripes

#### SIZE

48-64 (M-3XL)

#### WEIGHT OF THE SANDWICH

535g/m<sup>2</sup>

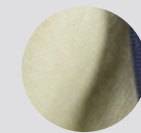
#### MATERIALS



#### OUTER LAYER

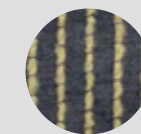
**75% Meta Aramid/23% Para Aramid/2% Antistatic fibres blend.**

Comfortable and durable base fabric with a Teflon finish that repels water droplets to glide smoothly over the surface. The Ripstop binding fabric makes the material even stronger in terms of tensile strength and breaking force.



#### MEMBRANE

High-quality heat-insulated PU membrane, which is known for its chemical resistance, thermal stability and hydrophobic qualities. It is characterised by a dense structure that retains water drops and at the same preserves vapour permeability.



#### THERMAL BARRIER

A blend of Meta and Para Aramid and FR viscose, with integrated Kevlar thread running along the fabric.

**The TWIN SPACER – THERMAL INSULATION COMPLEX** technology uses a system of air gaps or ducts to allow better and more efficient air circulation and prevent excessive build-up of warm air, thus reducing the risk of temperature shock.



The suit has been tested according to EN 469:2020 (X2, Y2, Z2), EN 1149-5:2018, EN 13688:2013, by MIRTA KONTROL d.o.o., Zagreb, Croatia (notified body no. 2474), which issued the EU-type certification no. OZ0173-CPT001/24-A1.

# SUPER FIRE STEDAIR

## INTERVENTION SUIT



The FIRE STEDAIR intervention suit has already proven its functionality and value as it has been for many years a highly popular suit among the Slovenian firefighters who appreciate quality, comfort, and safety. The suit is robust enough to offer outstanding protection against open flame and radiation, yet light enough to allow unhindered movement.



1. Fire-retardant protection collar covering the entire neck. 2. Sling for a microphone attachment. 3. Hook and loop fastener for a tag. 4. Pocket for a radio. 5. Pocket for a flashlight. 6. Possible sleeve adjustment. 7. Possible waist adjustment. 8. Side pockets with flaps. 9. Yellow highly reflective stripes. 10. Optional silver reflective inscription on the back. 11. Removable and adjustable comfortable shoulder straps. 12. Kevlar-reinforced shoulder area.



Perfectly positioned highly reflective stripes and an added channel at the lower back.



Removable and adjustable shoulder straps made of materials that relieve the load on the shoulders and provide extra comfort.



Hook and loop fastener for sleeve adjustment, a moisture barrier on the inner side and a fireretardant cuff with a thumb hole.



Inspection openings for checking the condition of all layers of the clothing (especially the membrane and thermal lining).



Numerous functional pockets with reinforced Kevlar puller. Carabiner hangers are inserted under the flaps of side pockets for hanging equipment.



Ergonomically shaped knees and sewn-in flameretardant knee pad.

# SUPER FIRE STEDAIR

## INTERVENTION SUIT

SAFETY. RELIABILITY.  
MOBILITY.

### LONG DESCRIPTION

The SUPER FIRE STEDAIR intervention clothing is a two-piece suit consisting of a protective jacket and protective trousers with removable and adjustable shoulder straps. It has a zipper that allows quick unfastening in case of emergency. The neck area is well covered by a protective collar. It has adjustable sleeve cuffs, waistband and bottom of trousers. There is a flame-retardant cuff with a thumbhole at the end of the sleeves and a reinforced Kevlar ergonomic knee section on the trousers with a flame-retardant knee pad. The elbow section is also ergonomically designed and reinforced with Kevlar. The elbow and knee area is surrounded by a reflective stripe for an extra level of visibility in poor conditions, and a line of reflective stripe is located on the seat of the trousers. The suit features a combination of yellow highly reflective stripes for better visibility in low visibility conditions. The inner and outer part

of the jacket is equipped with several pockets with various functions – flashlight, radio and mobile phone holders, as well as regular side pockets with a Kevlar puller designed for easy access even if the user is wearing protective gloves. The jacket has a Kevlar-reinforced shoulder area. There is a hook and loop fastener sewn on the left chest of the jacket for adding a name patch, and a reflective print on the back of the jacket, depending on the user's preference. The trousers have two side pockets and two cargo pockets. There is an inner Kevlar reinforcement at the bottom of the trousers. Jacket and trousers have an inspection opening, protected by a zipper, which serves to inspect the inner layers of the clothing (mainly the membrane and thermal barrier). The suit is available in blue and gold, with highly reflective yellow stripes.

#### PRODUCT CODE

- Jacket: B\_HB661\_S2
- Trousers: H\_HB661\_S2

#### COLOUR OPTIONS

- Blue with yellow reflective stripes;
- Gold with yellow reflective stripes.

#### SIZE

48-64 (M-3XL)

#### WEIGHT OF THE SANDWICH

535g/m<sup>2</sup>

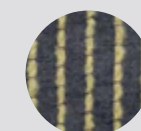
#### MATERIALS



#### OUTER LAYER

**75% Meta Aramid/23% Para Aramid/2% Antistatic fibres blend.**

Comfortable and durable base fabric with a Teflon finish that repels water droplets to glide smoothly over the surface. The Ripstop binding fabric makes the material even stronger in terms of tensile strength and breaking force.



#### THERMAL BARRIER

A blend of Meta and Para Aramid and FR viscose, with integrated Kevlar thread running along the fabric.



#### MEMBRANE

High-quality heat-insulated PU membrane, which is known for its chemical resistance, thermal stability and hydrophobic qualities. It is characterised by a dense structure that retains water drops and at the same preserves vapour permeability.

**The TWIN SPACER – THERMAL INSULATION COMPLEX** technology uses a system of air gaps or ducts to allow better and more efficient air circulation and prevent excessive build-up of warm air, thus reducing the risk of temperature shock.



The suit has been tested according to EN 469:2020 (X2, Y2, Z2), EN 1149-5:2018, EN 13688:2013, by MIRTA KONTROL d.o.o., Zagreb, Croatia (notified body no. 2474), which issued the EU-type certification no. OZ0173-CPT001/24-A1.

# NOMEX GRID 194F

## INTERVENTION SUIT



The NOMEX GRID 194F intervention suit is a suit designed to combine highly effective protection against both external and internal thermal stress. The suit is designed in a way that cleverly combines a lightweight, high-quality material on the outside with the latest generation of advanced inner materials that use a 3D-structured hydrodynamic mesh for more efficient moisture management. The result is an attractive product with many functional details, which protects the user from the inside with intelligent moisture wicking, better breathability, sweat wicking and quick drying (heat stress is one of the biggest risk factors in emergency situations), thus improving the user's thermal and physiological comfort and reducing physical stress. The suit therefore offers a high degree of mobility and effective protection against both internal and external thermal loads. In addition to a high level of excellent protection, the suit itself boasts a comfortable and lightweight cut that allows the user good movement and mobility in any situation.



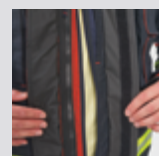
Easy belt insertion on front and back (protection belt, position belt).



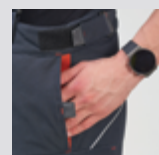
Reinforced Kevlar pulling straps.



Hook and loop fastener for sleeve adjustment, a moisture barrier on the inner side and a fireretardant cuff with a thumb hole.



Inspection openings for checking the condition of all layers of the clothing (especially the membrane and thermal lining).



Numerous functional pockets with reinforced Kevlar puller.



Ergonomically shaped knees and sewn-in flameretardant knee pad.

1. Fire-retardant protection collar covering the entire neck. 2. Sling for a microphone attachment. 3. Hook and loop fastener for a tag.
4. Pocket for a radio. 5. Pocket for a flashlight. 6. Possible sleeve adjustment. 7. Possible waist adjustment. 8. Side pockets with flaps. 9. Sewn or laminated highly reflective stripes. 10. Optional silver reflective inscription on the back. 11. Removable and adjustable comfortable shoulder straps.

# NOMEX GRID 194F

## INTERVENTION SUIT

DuPont™  
**Nomex®**

### LONG DESCRIPTION

The NOMEX GRID 194F intervention clothing is a two-piece suit consisting of a protective jacket and protective trousers with removable and adjustable shoulder straps. It has a zipper that allows quick unfastening in case of emergency. The neck area is well covered by a protective collar. On the shoulders there are two pull out handles with reinforced seams, designed to pull the firefighter out of danger. It has adjustable sleeve cuffs and waistband. There is a flame-retardant cuff with a thumbhole at the end of the sleeves and a reinforced Kevlar ergonomic knee section on the trousers with a flame-retardant knee pad. The elbow section is also ergonomically designed and reinforced with Kevlar. The elbow and knee area is surrounded by a reflective stripe for an extra level of visibility in poor conditions, and a line of reflective stripe is located on the seat of the trousers. The suit contains yellow highly reflective stripes for improved visibility in poor conditions. The inner and outer part of

the jacket is equipped with several pockets with various functions – flashlight, radio and mobile phone holders, as well as regular side pockets with a Kevlar puller designed for easy access even if the user is wearing protective gloves. The jacket has an easy-to-install protection belt for fastening. There is a passage tunnel at the lower back. There is a hook and loop fastener sewn on the left chest of the jacket for adding a name patch, and a reflective print on the back of the jacket, depending on the user's preference. The trousers have two side pockets and two cargo pockets. There is an inner Kevlar reinforcement at the bottom of the trousers. Jacket and trousers have an inspection opening, protected by a zipper, which serves to inspect the inner layers of the clothing (mainly the membrane and thermal barrier). The suit is available in blue-red, with highly reflective yellow stripes. The suit can be fitted with sewn or laminated reflective stripes.

#### PRODUCT CODE

- Jacket: B\_B\_HB680
- Trousers: H\_HB680

#### COLOUR OPTIONS

Blue/red combination with yellow reflective stripes.

#### SIZE

48-64 (M-3XL)

#### WEIGHT OF THE SANDWICH

550g/m<sup>2</sup>

#### MATERIALS

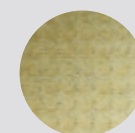
DuPont™  
**Nomex®**



#### OUTER LAYER

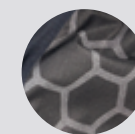
Blend of 83% Nomex/15% Kevlar/2% FR filler.

Durable and comfortable fabric with an excellent balance between comfort and protection.



#### THERMAL BARRIER

Combination of Melamine and Aramid fibres with 3D structure.



#### MEMBRANE

Two-component LOW HEAT STRESS 'ePTFE membrane.

Lightweight tight-fit membrane for efficient moisture wicking, better breathability, fast sweat wicking and quick drying, excellent protection against heat build-up and heat stress.



The suit is tested according to EN ISO 469:2020, EN 1149-5:2018 and EN ISO 13688:2013, by MIRT KONTROL d.o.o. Zagreb (Notified Body No. 2474), which has issued the certificate of conformity no. OZ0173-CPT001/23-A1.



# PBI GOLD

## INTERVENTION SUIT



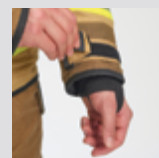
The PBI GOLD intervention suit is the only suit of the latest generation manufactured in Slovenia, made of the world-famous PBI fibre fabric, which, thanks to its excellent properties of high thermal stability and resistance, is used in various fields, including protective suits for pilots, astronauts and even in the manufacture of protective walls in aircraft. PBI fibres are the most thermally stable polymer fibres in the world, with a number of excellent characteristics – in addition to their extremely low heat transfer and the fact that they do not disintegrate even under very high heat load, they also have excellent tear and chafing resistance and a long service life. In addition to a high level of excellent protection, the suit itself boasts a comfortable and lightweight cut that allows the user good movement and mobility in any situation.



Easy belt insertion on front and back (protection belt, position belt).



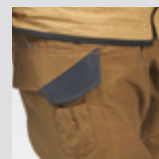
Reinforced Kevlar pulling straps.



Hook and loop fastener for sleeve adjustment, a moisture barrier on the inner side and a fireretardant cuff with a thumb hole.



Inspection openings for checking the condition of all layers of the clothing (especially the membrane and thermal lining).



Numerous functional pockets with reinforced Kevlar puller.



Ergonomically shaped knees and sewn-in flameretardant knee pad.

1. Fire-retardant protection collar covering the entire neck. 2. Sling for a microphone attachment. 3. Hook and loop fastener for a tag.
4. Pocket for a radio. 5. Pocket for a flashlight. 6. Possible sleeve adjustment. 7. Possible waist adjustment. 8. Side pockets with flaps. 9. Sewn or laminated highly reflective stripes. 10. Optional silver reflective inscription on the back. 11. Removable and adjustable comfortable shoulder straps.

# PBI GOLD

## INTERVENTION SUIT



### LONG DESCRIPTION

The PBI GOLD intervention clothing is a two-piece suit consisting of a protective jacket and protective trousers with removable and adjustable shoulder straps. It has a zipper that allows quick unfastening in case of emergency. The neck area is well covered by a protective collar. On the shoulders there are two pull-out handles with reinforced seams, designed to pull the firefighter out of danger. It has adjustable sleeve cuffs and waistband. There is a flame-retardant cuff with a thumbhole at the end of the sleeves and a reinforced Kevlar ergonomic knee section on the trousers with a flame-retardant knee pad. The elbow section is also ergonomically designed and reinforced with Kevlar. The elbow and knee area is surrounded by a reflective stripe for an extra level of visibility in poor conditions. The suit contains yellow highly reflective stripes for improved visibility in poor conditions. The inner and outer part of the jacket is equipped

with several pockets with various functions – flashlight, radio and mobile phone holders, as well as regular side pockets with a Kevlar puller designed for easy access even if the user is wearing protective gloves. The jacket has an easy-to-install protection belt for fastening. There is a passage tunnel at the lower back. There is a hook and loop fastener sewn on the left chest of the jacket for adding a name patch, and a reflective print on the back of the jacket, depending on the user's preference. The trousers have two side pockets and two cargo pockets. There is an inner Kevlar reinforcement at the bottom of the trousers. Jacket and trousers have an inspection opening, protected by a zipper, which serves to inspect the inner layers of the clothing (mainly the membrane and thermal barrier). The suit is available in gold/cognac, with highly reflective yellow or orange stripes. The suit can be fitted with sewn or laminated reflective stripes.

#### PRODUCT CODE

- Jacket: B\_HB681
- Trousers: H\_HB681

#### COLOUR OPTIONS

Gold/cognac combination with yellow or orange reflectors.

#### SIZE

48-64 (M-3XL)

#### WEIGHT OF THE SANDWICH

530g/m<sup>2</sup>

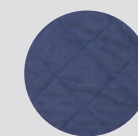
#### MATERIALS



#### OUTER LAYER

Blend of 58% Para Aramid/40% PBI fibre/2% AS fibres.

World-renowned PBI® fibres offering the best and most durable thermal protection on the market.



#### THERMAL BARRIER

Combination of NOMEX/Kevlar fibres, Meta-aramid and FR viscose.



#### MEMBRANE

Two-component PTFE membrane

STEDFASTSTEDAIR®

NOMEX/KEVLAR blend with additional resistance to blood-borne pathogens.

The STEDAIR® membrane is designed to allow the skin to breathe efficiently while providing additional protection against water ingress, heat and other harmful elements.



The suit is tested according to EN ISO 469:2020, EN 1149-5:2018 and EN ISO 13688:2013, by MIRTA KONTROL d.o.o. Zagreb (Notified Body No. 2474), which has issued the certificate of conformity no. OZ0173-CPT001/23-A1.

# T-RESCUE

## TECHNICAL RESCUE SUIT



EN 16689:2017

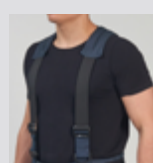

1, 4, X  
EN 343:2019

A1 + A2, B1, C1, F1  
EN ISO 11612:2015

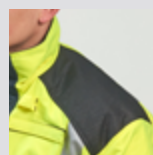

EN 1149-5:2018


CLASS III  
EN ISO 20471:2013

T-RESCUE is a first-class technical rescue suit (Class III), developed in close collaboration with experts in the field and the many users who face a variety of demanding tasks that fall under the category of technical rescue on a daily basis. The suit is certified to standards that cover many of the threats that users face in technical rescue situations (e.g. effective protection against certain forms of thermal hazards (short-term, radiant, convective heat), mechanical hazards, and a special feature – resistance to blood-borne pathogens (ISO 16604)), and offers an excellent balance between protection and comfort. The suit is designed to combine lightweight and high quality materials in an ergonomically shaped cut, with many multifunctional details.



Detachable and adjustable shoulder straps, made of shock-absorbing materials for a more comfortable fit.



Protective reinforcement of the shoulder area with Kevlar.



Adjustable sleeve with velcro fastening and flame-retardant patent with thumbhole.



Adjustable sleeve cuffs, sleeve sides and waistband for extra individual comfort.



Numerous functional pockets with reinforced Kevlar puller.



Ergonomically shaped knees and sewn-in flame-retardant knee pad.

1. A protective collar that covers the entire neck area.
2. Microphone attachment loop.
3. Hook and loop fastening for a patch.
4. Battery pocket.
5. Radio pocket.
6. Adjustable sleeve cuffs.
7. Possible waist adjustment.
8. Side pockets with flap.
9. Silver high-visibility reflective strips.
10. Any reflective silver lettering on the back of the suit.
11. Removable and adjustable comfortable shoulder straps.
12. Inspection openings to check the condition of all layers of the suit.
13. Several colour versions – blue-yellow/yellow-blue.

# T-RESCUE

## TECHNICAL RESCUE SUIT

THE IDEAL CHOICE FOR TECHNICAL RESCUE OPERATIONS.

### LONG DESCRIPTION

The T-RESCUE Technical Rescue Suit is a two-piece suit consisting of a protective jacket and protective trousers with shoulder straps that are removable and adjustable. The jacket has a zip fastening, which is covered with a protective moulding. The neck area is well protected by a protective collar. It has adjustable sleeve cuffs, waistband, and bottom of trousers. The shoulder section is reinforced with Kevlar. There is a flame-retardant patent at the end of the sleeves with a thumbhole, and the trousers have ergonomically shaped Kevlar-reinforced knees with a flame-retardant knee pad already sewn in. The elbow is also ergonomically shaped and reinforced with Kevlar. There are many pockets on the outside and inside of the jacket with various useful functions – a pocket for a battery, a pocket for a radio, for

a mobile phone and regular side pockets, which are adapted to open easily even when the wearer is wearing protective gloves, as they contain a Kevlar pull tab. There is a hook and loop fastening sewn on the left chest of the jacket for adding a name patch, and a reflective print on the back of the jacket, depending on the user's preference. The trousers have two side pockets and two cargo pockets. The trousers have Kevlar reinforcement on the inside at the bottom, and an adjustable drawcord. The jacket and trousers have an inspection opening, secured by a zip, which serves to inspect the inner layers of the suit (mainly the membrane). The suit is available in blue-yellow or yellow-blue, with silver reflective stripes.

#### PRODUCT CODE

- Jacket: B\_490(S1)
- Trousers: H\_767(S)

#### COLOUR OPTIONS

Blue/yellow or yellow/blue version, with silver high-visibility reflectors.

#### SIZE

S—4XL

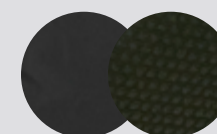
#### MATERIALS



#### OUTER LAYER

**Modacrylic/viscose VT and FR/ Para-Aramid blend and antistatic fibres.**

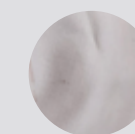
Comfortable and durable outer fabric with ripstop weave, which further improves the tensile strength and durability of the fabric.



#### APPLICATIONS

**JACKET:** Nomex/Kevlar/Polyurethane blend with antistatic properties.

**TROUSERS:** Para-Aramid knitted fabric with a fire-resistant silicone carbon coating.



#### LINING

**Option 1:** Aramid/Viscose FR/ Regenerated viscose with two-component PTFE membrane.

**Option 2:** STEDFAST STEDAIR® lining made of Meta-Aramid woven substrate and carbon viscose, with two-component PTFE membrane.



The suit is tested according to EN 16689:2017, EN ISO 11612:2015, EN ISO 20471:2013, EN 1149-5:2018, EN 343:2019 and EN ISO 13688:2013, in MIRTAKONTROL d.o.o. Zagreb (Notified Body No 2474), which has issued Certificate of Conformity No 020173-CPT002/22-A1.



# WILDERNESS FIRECAT

## TWO-PIECE SUIT

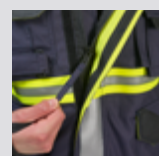


EN 1149-5:2018



EN 15384:2020+A1:2021

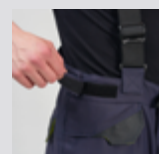
The WILDERNESS FIRECAT TWO-PIECE SUIT for wildfires is a single-layer suit intended for extinguishing fires in nature. The selected materials are extremely comfortable, light, and provide the user with a high level of protection, as well as good mobility and flexibility. Since the materials are breathable, they prevent heat build-up and reduce the firefighter's heat load, which is extremely important in the hot months when such fires occur most often. The ergonomic cut ensures that both the trousers and the jacket fit the wearer well, the design of the suit is modern and elegant, and many functional details further improve the usability of the suit.



Zipper with quick release function.



The possibility of adjusting the sleeve with a velcro and a non-flammable wrist part with a thumb hole.



High level of adaptability of pants and jacket.



Many functional pockets with reinforced Kevlar pull.



Ergonomically arched knee part with reinforcement and the possibility of inserting a knee pad.



Available also in blue and red colour combination.

1. Non-flammable protective collar that covers the entire neck area. 2. Microphone attachment loop. 3. Velcro patch for the tag. 4. Radio pocket. 5. Flashlight pocket. 6. Possible regulation on the sleeves. 7. Possible regulation in the waist area. 8. Side pockets with flaps. 9. Silver high-visibility reflective strips. 10. Custom silver reflective text on the back of the suit. 11. Detachable and adjustable comfortable straps.

# WILDERNESS FIRECAT

## TWO-PIECE SUIT

LIGHTWEIGHT AND COMFORT WITH UNCOMPROMISED PROTECTION.

### LONG DESCRIPTION

The WILDERNESS FIRECAT TWO-PIECE SUIT consisting of a protective jacket and protective trousers with removable and adjustable straps. The jacket closes with a zipper, which enables quick opening in case of emergency undressing. The neck area is well covered with a protective collar. The jacket has the possibility of regulation on the sleeves, and there is a non-flammable wristband with a thumb hole on the wrist part. The elbow part is ergonomically designed and reinforced with Kevlar. The jacket is equipped with many pockets that have Kevlar-reinforced pulls - two side pockets, a chest pocket for a radio and a chest pocket with the possibility of

attaching a flashlight. On the left chest part of the jacket, a velcro patch is sewn with the possibility of adding a tag with a name and surname, and a reflective print is possible on the back according to the user's preferences. The trousers have the possibility of regulation at the waist and at the bottom of the pants. The knee part is ergonomically designed and reinforced with Kevlar. The possibility of inserting a knee pad. The trousers have two side pockets, two cargo pockets and a back pocket on the right side, with all the drawstrings reinforced with Kevlar. The suit is available in blueyellow or blue-red, with highly visible silver-yellow stripes.

#### PRODUCT CODE

- Jacket: B\_HB682
- Trousers: H\_HB682

#### COLOUR OPTIONS

Blue/yellow or blue/red combination with silver-yellow reflectors.

#### SIZE

S-4XL

#### WEIGHT OF THE SANDWICH

2 kg

#### MATERIALS



Blend of 35% viscose FR, 28% modacrylic, 24% cotton, 7% polyamide, 5% para-aramid, 1% antistatic fibres.

Light, comfortable and strong technical fabric with Ripstop binding, which is breathable enough to effectively reduce the wearer's thermal load. The fabric is of excellent quality and extremely colour resistant.



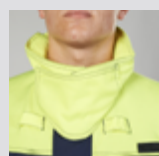
The suit has been tested according to EN ISO 15384:2020+A1:2021, EN 1149-5:2018, EN ISO 13688:2013 by MIRTA KONTROL d.o.o., Zagreb, Croatia (notified body no. 2474), which issued the EU-type certification no. OZO173-CPT002/23-A1.

# WILDFIRE PROTECTIVE COVERALL

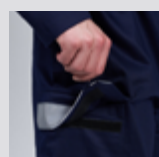


EN 15384:2020+A1:2021

The forest firefighting coveralls have been designed specifically for firefighting in forests. The garment is extremely lightweight, allowing the user to move easily over complex terrain (among trees and plants, on slopes, etc.) while also ensuring strong protection against fire. This balance between mobility and effective protection provides the user with an excellent solution for situations involving forest fires, which are considered extremely demanding and dangerous.



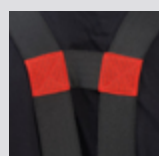
Fire-retardant protection collar covering the entire neck.



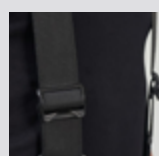
Numerous functional pockets.



Optional silver reflective inscription on the back of the coveralls and suits.



Inside the suit, an adjustable shoulder straps can be inserted.



Inside the suit, an adjustable shoulder straps can be inserted.

1. Fire-retardant protection collar covering the entire neck. 2. Sling for a microphone attachment. 3. Hook and loop fastener for a tag. 4. Pocket for a radio. 5. Pocket for a flashlight. 6. Possible sleeve adjustment. 7. Possible waist adjustment. 8. Side pockets on the trousers, with flaps and hook and loop straps. 9. Highly reflective stripes. 10. Optional silver reflective inscription on the back of the coveralls and suits.

# WILDFIRE PROTECTIVE COVERALL

EFFECTIVE PROTECTION ANYWHERE.

## LONG DESCRIPTION

The coveralls for forest fire are a one-piece garment with a zipper protected with a covering strip extending all the way to the neck and providing excellent neck protection. High-visibility stripes are fitted on the sleeves, across the chest, and on the trousers to help the user stand out in poor visibility conditions. The knee area is double reinforced and the coveralls are equipped with several pockets for various functions – flashlight holder, radio holder and side pockets. The sleeves are regulated by fire-retardant hook and loop

fasteners. Regulation is also possible in the waist area and at the bottom of trousers. On the inside of the coveralls, in the waist area, there are loops for attaching the separate shoulder straps. There is a hook and loop fastener sewn on the left chest of the jacket for adding a name patch, and a reflective print on the back of the jacket, depending on the user's preference. The overalls are available in blue-yellow, with highly reflective silver stripes.

### PRODUCT CODE

K\_217\_S1

### COLOUR OPTIONS

Blue-yellow with silver reflective stripes.

### SIZE

48-64 (M-3XL)

### SUIT WEIGHT

1,8 kg

### MATERIALS



**100% flame-resistant cotton with chemical FR treatment.**

Lightweight and comfortable fabric with good protection against fire, heat and mechanical damage, allowing the user good mobility in difficult terrain.



The suit has been tested according to EN ISO 15384:2020+A1:2021, EN ISO 13688:2013 by MIRTA KONTROL d.o.o., Zagreb, Croatia (notified body no. 2474), which issued the EU-type certification no. OZO173-CPT001/21-A2.



# EAGLE FR ETF20TKV-PV

## FLASH HOOD



EN 13911:2017

The Eagle FR ETF20TKV-PV flash hood is made of flame-resistant, soft, stretchy, and flexible viscose, enabling comfortable wear overextended periods while effectively safeguarding against heat, fire, and carcinogenic particles. It features an interior lining of STEDAIR PREVENT breathable membrane, offering protection against microscopic harmful particles generated during combustion. The ETF20TKV-PV flash hood will retain its excellent protective properties even after 200 washes.

**PRODUCT CODE**

ETF20TKV-PV

**AVAILABLE COLOURS**

Gold with yellow stitching

**SIZE**

Universal


**AIR**  
**PREVENT**
**KERMEL**  
PERFORMANCE IS OUR PROFESSION

eagle **FR**
**MATERIALS**
**EXTERNAL LAYER**

Kermel® Viscose


**BOTTOM LAYER**

The combination of comfortable and flexible fire-resistant viscose on the outside and the breathable Stedair Prevent membrane on the inside provides effective protection against both heat and the harmful carcinogenic particles produced by combustion.



The product is tested according to EN 13911:2017 (CE 2895; UK/CA 0338).

# EAGLE FR ETF6NKV

## FLASH HOOD



EN 13911:2017

The EAGLE FR ETF6NKV flash hood is made of Kermel® viscose, providing maximum protection and comfort. The extended shoulder design allows the shroud to be worn under the firefighter trousers' shoulder straps while also providing chest area protection. The fabric is stretchy and comfortable, and the seams are reinforced and designed to be completely smooth.

**PRODUCT CODE**

ETF6NKV

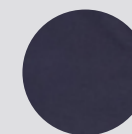
**AVAILABLE COLOURS**

Dark blue

**SIZE**

Universal


**KERMEL**  
PERFORMANCE IS OUR PROFESSION

eagle **FR**
**MATERIALS**

**EXTERNAL LAYER**

Kermel® Lenzing

Comfortable, soft and flexible material providing good protection against heat.



The product is tested according to EN 13911:2017 (CE 2895; UK/CA 0338).

# ROLAND IRS

## SAFETY SYSTEM



The system consists of a ROLAND GT harness and a ROLAND VM rope, combining well with the PBI GOLD suit and the NOMEX GRID 194F. The IRS system serves as a simple and effective mean of retention, rescue and self-recovery safety. According to DIN 14927, this system replaces the fire harness as a better alternative in all its functions and applications.

### ROLAND GT HARNESS

**PRODUCT CODE**  
TB1065

**MATERIAL**  
A combination of aramid and non-combustible PES fibres.

**SIZE**  
S, M, L, XL, 2XL and 3XL



- Cobra buckle fastening.
- Retractable lanyards in a highly visible design for quickuse even under stressful conditions and in poor visibility.
- Maximum user weight including equipment: 150 kg.
- **EN 358:1999:** Personal protective equipment for fall prevention and restraint - Restraint harnesses and restraint harness connectors
- **EN 1498:2006-A:** Personal rescue lanyards for fall protection

### SAFETY ROPE ROLAND VM

**PRODUCT CODE**  
TB1064

**MATERIAL**  
PES fibres, flame retardant.

**STANDARD LENGTH**  
110 cm

- Simple and space-saving winding
- Standard length: 110 cm, different lengths available for order
- **EN 354:2010:** Personal fall protection equipment - Lanyards
- **EN 566:2017:** Mountaineering equipment - Slings
- **EN 795:2012-B:** Personal fall protection equipment - Anchor devices



Products are tested according to: ROLAND GT harness - EN 358:1999 and EN 1498:2006-A; ROLAND VW safety rope - EN 354:2010, EN 566:2017, EN 795:2012-B.795:2012-B.

# CARMEN

## WILDFIRE PROTECTIVE MASK



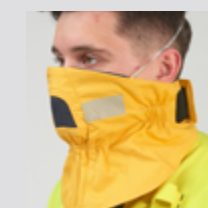
The Carmen Wildfire Protective Mask offers advanced face and neck protection against flying sparks and thermal hazards, specifically tailored for outdoor firefighting. Its double-layer design ensures a high level of protection, while viscose fibers provide comfort for prolonged use.

**PRODUCT CODE**  
890162-001

**MATERIAL**  
55% FR viscose / 44% meta-aramid  
1% 250g/m<sup>2</sup> antistatic fibres

**COLOUR**  
Yellow

**SIZE**  
Universal



- Face and neck protection against flying sparks and thermal hazards for fire-fighting in an outdoor environment. Double-layer material designed for high level of protection.
- Viscose addition for comfort.
- A replaceable particulate respirator (FFP2) with an exhalation valve protects the respiratory tract from smoke and soot particles. Filters made in Germany.
- Knitted material in the area of the exhalation valve designed for low breathing resistance.



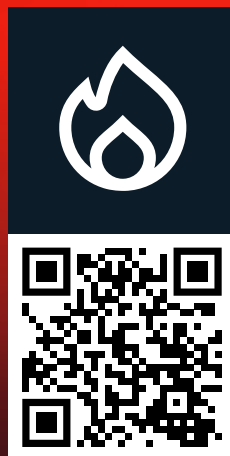
Products are tested according to: EN 13688, EN ISO 11612 (A1, B1, C1 and F1), EN 1149-3/5, DIN EN 149:2009-08.149:2009-08.



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