



# FIRE FLEX

Protective suit certified according to EN 469,  
EN 1149-5, EN 61482-2, EN 343, and EN 14360.

Professional protection. Perfect fit.

 **rosenbauer**



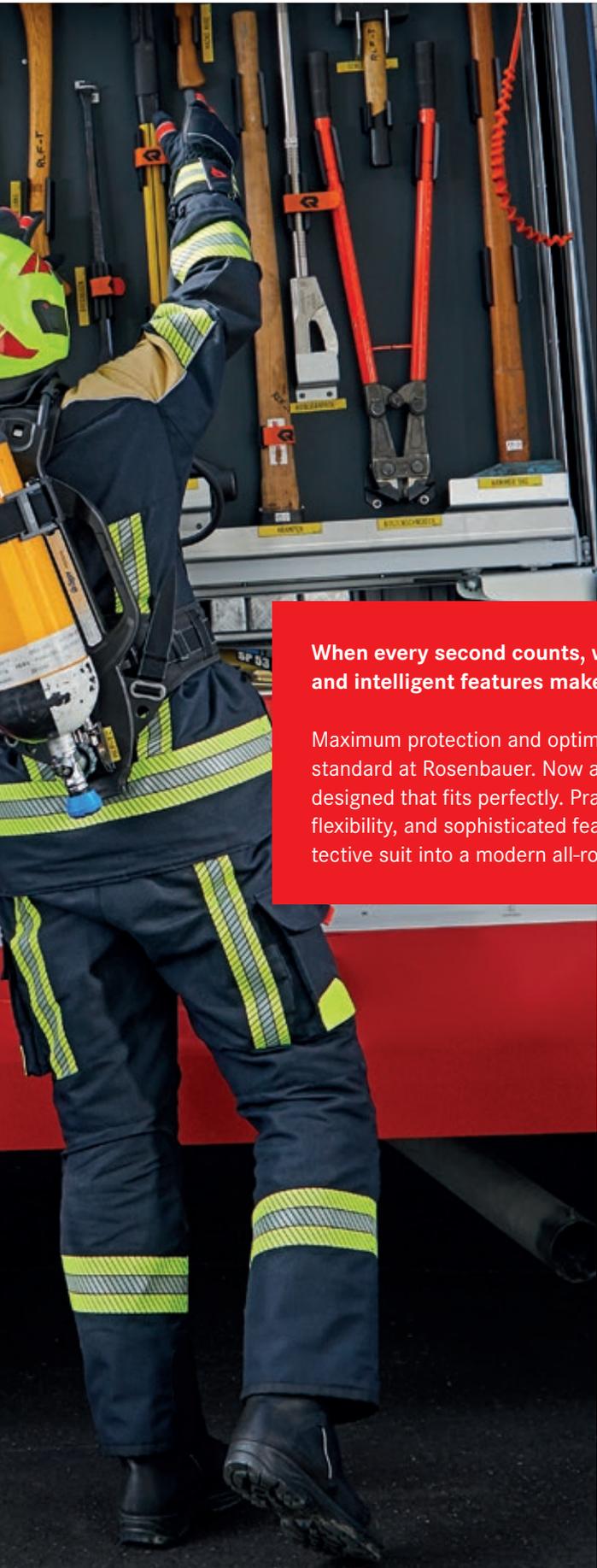
# PPE from

### Experts in PPE

Rosenbauer is known as the market leader for firefighting vehicles. But few know this: Rosenbauer also makes professional clothing, boots, and is a pioneer in the development of firefighting helmets. Unique know-how and an all-encompassing solution portfolio enable modular offerings that ensure safety and comfort in every situation. The flexibility and versatility of a system supplier and the innovative power of a manufacturer who develops and produces the complete PPE in-house - this is what makes Rosenbauer unique.

# Rosenbauer





## FIRE FLEX.

### The protective suit for uncompromising lifesavers.

Only those who can rely 100 % on their material are able to keep a cool head and act correctly in a dangerous situation. The mission is clear: a firefighter's suit must fit like a second skin and offer extensive, armor-like protection.

**When every second counts, well thought-out details and intelligent features make all the difference.**

Maximum protection and optimum wearing comfort are standard at Rosenbauer. Now a protective suit has been designed that fits perfectly. Practical details add even more flexibility, and sophisticated features turn a high-end protective suit into a modern all-rounder for every situation.

With the FIRE FLEX, you get the most sophisticated protective suit on the market.

**Ergonomic** - utmost emphasis was placed on the ergonomic cut and the perfect fit in all sizes and lengths.

**Flexible** - the material, the careful workmanship and the perfect fit create freedom of movement during operations, without resistance and without restriction.

**Innovative** - sophisticated features developed by experts facilitate intuitive handling on site.

# Extremely comfortable protection.

## Tailored protection.

### Triple, uncompromising protection

When a new protective suit is designed, the focus is primarily placed on the three greatest dangers of extreme use: heat transfer, waterproofing, and resistance to water vapor permeation. In these three areas, the highest level of protection is achieved in all categories.



### High-tech from Rosenbauer

Rosenbauer protective suits have always offered maximum impermeability to viruses and bacteria. For Rosenbauer, this feature for the protection of emergency crews is not only a matter of course, but also a significant competitive edge.

### Best wearing comfort through Ergocut.

The perfect cut has a name: Ergocut. This precise fine-tuning of the fit offers maximum wearing comfort. Rosenbauer does not regard a comfortable cut as an optional extra. At the end of the day, fit and comfort give emergency crews greater freedom of movement, and are therefore essential safety aspects. If the finely tuned standard sizes are not suitable for the customer, a customized body size can also be manufactured when necessary.

Those who rely on functionality don't have to miss out on a modern and active cut and design. The FIRE FLEX protective suit is a maximum breathable all-rounder made of innovative materials that leaves nothing to be desired.





Certified according to:

- EN 469:2020
- EN 1149-5:2018 (antistatic test)
- EN 61482-2:2018 (arc fault test)
- EN 343:2019 (protective clothing for rain)
- EN 14360:2004 (rain test)



EN 469:2020



IEC 61482-2:2018 APC 2



EN 1149-5:2018



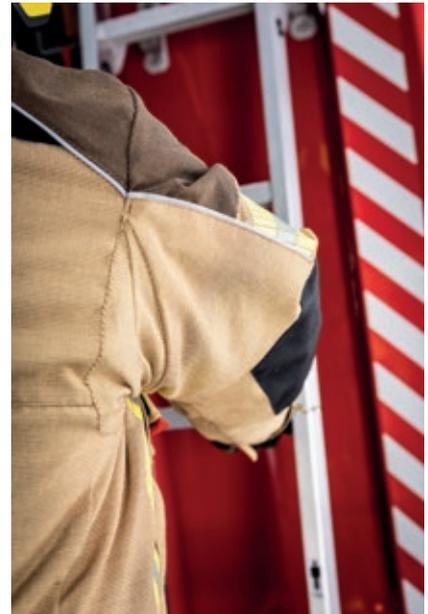
EN 343:2019



*Certified in the highest levels of protection, e.g. EN 14360:2004 (rain test).*

# Dedicated to comfort.

## Committed to safety.



### Designed for long-term operations.

An optimal cut is not something that is plain to see. Only long operations reveal whether a cut lives up to its promises. The new FIRE FLEX has been designed to impress: on the job, no matter how long it takes.

### Flexible

Combining the best possible protection with optimum wearing comfort is one of the greatest challenges. The FIRE FLEX not only offers a modern, sporty look, but also affords freedom of movement without restrictions in everyday firefighting situations. Improved sleeve cuts and a special shoulder-arm construction guarantee enormous mobility. The collar has also been adapted to the natural head posture and sits optimally without constricting during longer periods of use. Thanks to a new application technique, the reflective stripes offer maximum freedom of movement combined with high breathability.

## Innovative

All activities and actions performed on-site by the emergency personnel must be as intuitive as possible. FIRE FLEX supports this with ergonomically designed features. Padded grip pieces on the flaps of the pockets and the zipper make it easier to grasp safely; versatile pockets and fastening devices offer countless possibilities at the scene of the emergency. The segmented strips used for improved visibility have been covered over and integrated into a sophisticated overall concept. These are patched instead of sewn on and are thus not only more flexible, but also more breathable.

Due to the absence of seams, there is no abrasion load on the material. Robust absorption barriers at all critical points prevent moisture from penetrating through to the inside of the protective suit. In particular, a completely new, breathable 3-layer absorption barrier material is used for the sleeve hem and front trim. A smooth-running panic zipper made of special plastic remains fully functional even if the teeth are slightly damaged.



## Ergonomic

In an emergency, the fit can also be critical. With the FIRE FLEX, we have succeeded in designing an ergonomic protective suit. It must withstand moisture, cold, heat and fire - in terms of safety, the Rosenbauer brand has always set the highest standards. However, the FIRE FLEX manages to guarantee the highest degree of agility thanks to its revolutionary Ergocut. A feeling like a second skin, without compromising safety.

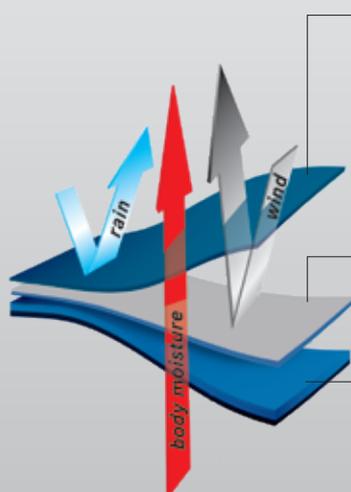


New design elements, segmented reflective stripes, and the two-tone color ensure optimum visibility and a modern look.

FIRE FLEX with NOMEX® NXT outer fabric



**Proven 3-layer fabric construction in proven composite**



**Outer fabric**

**NOMEX® NXT**

Weight:  
approx. 195 g/m<sup>2</sup>  
Colors: black-blue/red,  
black-blue/gold,  
black-blue, gold

**NOMEX® XTR**

Weight:  
approx. 195 g/m<sup>2</sup>  
Colors: black-blue/red,  
black-blue/gold,  
black-blue, gold, red

**X55 with PBI**

Weight:  
approx. 205 g/m<sup>2</sup>  
Color: gold/brown

**Moisture barrier (liner)**

3D PTFE membrane made of melamine resin fiber/aramid carrier. Surface weight: approx. 125 g/m<sup>2</sup>

**Safety thermal lining**

Melamine resin fiber/aramid fleece with quilted cover made of aramid/viscose blended fabric. Weight: approx. 180 g/m<sup>2</sup>

# High-performance materials.

## For high-performance at the scene of the emergency.

There is no question that only the best materials are used for Rosenbauer products. The secret of the FIRE FLEX, however, lies above all in the composition and structure of the material layers as well as in the fabric composition.

### **FIRE FLEX: resilient, durable, and modern**

The materials used guarantee durability and longevity.

In particular, the outer materials are characterized by extremely high mechanical performance properties. When it comes to tensile strength, the X55 outer material with PBI achieves eight times the performance required by the EN 469 standard. In terms of tear propagation resistance, it exceeds the minimum requirements many times over.

All additional equipment, such as gloves, helmet, and boots are perfectly coordinated with the new FIRE FLEX.



*FIRE FLEX with NOMEX® XTR outer fabric*



### **PTFE high-performance membrane**

The FIRE FLEX has an innovative material structure. The new 3D PTFE membrane is characterized by the highest level of breathability, with enormous heat-resistance and water-tightness. Thanks to the sophisticated fabric structure in combination with the PTFE membrane, the moisture is very quickly transported away from the body to the outside and, therefore, there is no heat build-up.

With the specific fabric structure, a water vapor permeation resistance value far below the permissible standard value in the highest performance class is achieved in the Ret-Test (Resistance to Evaporating Heat Transfer). The 3D PTFE membrane is certified to be virus- and bacteria-proof and provides optimum protection when in contact with injured persons.

### **Safety thermal lining**

The FIRE FLEX uses an insulating yet breathable safety thermal lining that provides optimal protection against external influences, even in extreme conditions. The melamine resin aramid fleece lining with quilted cover made of aramid viscose blended fabric meets the high material requirements.

## Different color designs.

You have the choice: NOMEX® NXT, NOMEX® XTR or X55 with PBI.



Protective clothing  
FIRE FLEX  
NOMEX® NXT  
color black-blue/gold



Protective clothing  
FIRE FLEX  
NOMEX® NXT  
color black-blue/red



Materials that have been tried and tested thousands of times in a completely new, modern design.

### NOMEX® NXT

The FIRE FLEX protective suit made of NOMEX® NXT, a further development of NOMEX® Tough, is an excellent choice both visually and technically. It also scores with an excellent wash appearance. Even after many washes, the protective clothing retains its color and shape. The special long-term impregnation (up to 40 washes without re-impregnation) and the enormous tear strength of the NXT material ensure a particularly long service life.

### NOMEX® XTR

The FIRE FLEX protective suit made of NOMEX® XTR with its innovative design is the latest development in the FIRE FLEX series. The optimized material composition consists of 82 % metaaramide, 16 % paraaramide and 2 % antistatic fiber. It has an excellent wash appearance and light fastness due to the shift of the paraaramide portion to the inside of the fabric, better thermal insulation due to the three-dimensional structure and Powershell long-term impregnation (up to 40 washes without re-impregnation).



Protective clothing  
 FIRE FLEX  
 NOMEX® NXT  
 color black-blue/gold

**X55 with PBI**

The protective suit is also available in a two-color version in the X55 with PBI material version.

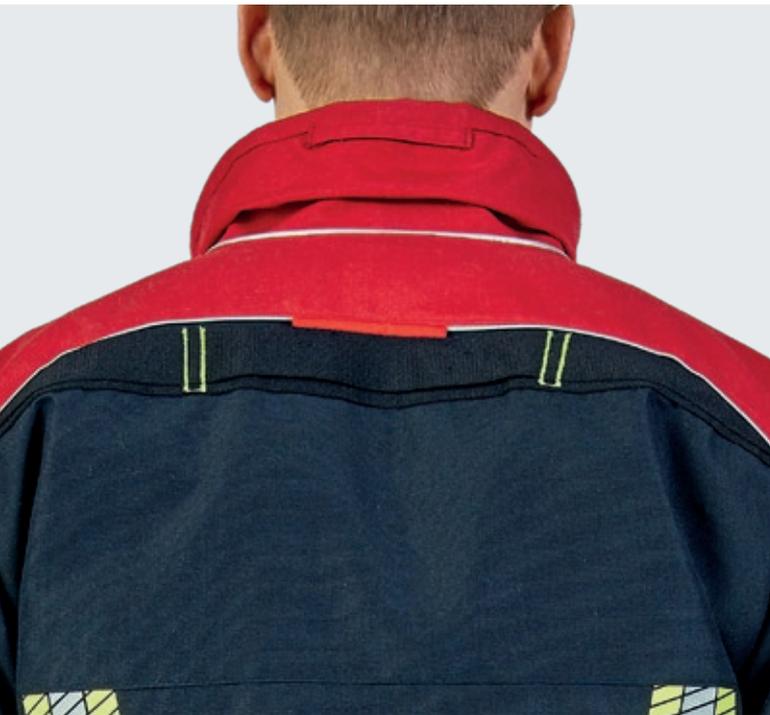
Gold and brown creates design contrasts and sets accents. The fashionable design gives it a particularly good look. The shoulder area is accentuated in powerful brown. Also in this variant, the protective suit retains its shape and color after many washes.



Protective clothing  
 FIRE FLEX  
 X55 with PBI  
 color gold/brown

# Protects with safety.

## Saving and rescuing with FIRE FLEX.



With the innovative FIRE FLEX protective jacket, emergency personnel have the opportunity to secure other persons and themselves - in case of emergency, the high-performance garment provides a self-rescue function (optional).

### Rescue strap

A robust rescue strap is fitted to the back of the jacket as standard, allowing you to pull an injured firefighter out of the immediate danger zone.

This rescue strap is constituted of a two-layer belt made of heat-resistant Nomex®, which runs across the back underneath the collar, thus evenly distributing the tensile load. For safety reasons, the strap is equipped with an additional Velcro fastener (thus eliminating any risk of the strap sticking out or getting caught). It is equipped with a padded grip piece for better handling.

## ■ Optional feature

### Jacket with integrated rescue system

The FIRE FLEX jacket can be optionally equipped with an internal casing through which the Rosenbauer IRS belt can be threaded. The belt is available as an optional accessory and is certified as per EN 1498 Cl. A and EN 358. The 85 mm wide aramid belt is fitted with a triple-lock HMS aluminum carabiner according to EN 362.





## ■ Application areas

### Restraint system

Particularly critical are situations in which there is an increased risk of falling. In order to make operations on embankments or flat roofs safer, the restraint system restricts the movement range of the emergency crew to a defined radius so that dangerous edges no longer pose a risk. The restraint system holds the emergency crew member securely in position and prevents a fall.

### Positioning system

The system can be used as a positioning aid for activities at heights (e.g., on ladders). By tensioning the belt when leaning into the system, a stable working position can be adopted and a fall can be prevented.

### Rescue system

In extreme situations, the IRS belt can also be used for self-rescue.

# Numerous features.

Ergonomic. Flexible. Innovative.



Extreme protection and comfort are not mutually exclusive. Dozens of sophisticated details make the FIRE FLEX a functional all-rounder and the right companion for the toughest fire service operation.



Comfort suspenders removable thanks to Velcro fasteners

Elastic waistband for perfect adjustment

Fly with zipper and Velcro fastener, covered by a flap

Two angled side pockets

Fleece strip for attaching a name strip

Pocket flaps with red grip pieces

Ergonomically shaped knees with reinforcements and knee pads

Side pockets with glove holding ring

Breathable, patched reflective stripes

Particularly wear-resistant edging made of flame-retardant, silicone-carbon-coated para-aramid fabric

Absorption barrier on pants cuffs

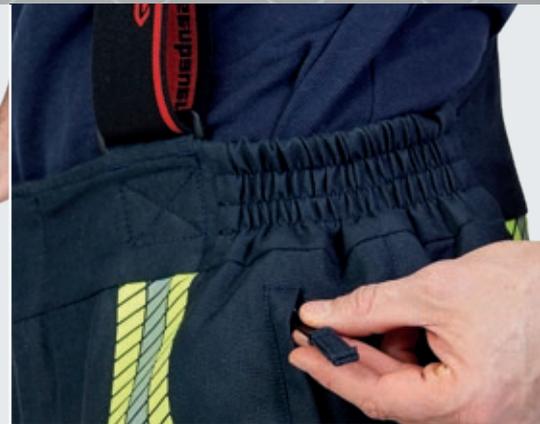
## Trouser features



5 cm wide comfort suspenders, removable thanks to Velcro fasteners



Fly with zipper and Velcro fastener, covered by flap



Elastic waistband for perfect adjustment



15 x 2.5 cm fleece strip for attaching a name strip on the left side pocket flap



Side pockets with glove holding ring



Ergonomically shaped knees with reinforcement and fixed sewn knee pad from non-water-absorbent cellular rubber



Reinforcements on the inside of the trouser closure made of flame-retardant silicone-carbon coated para-aramid fabric



Moisture blocker made of robust flame-retardant PU coated aramid fabric at the trouser's seam.



Inspection opening to check status of membranes on both sides (trousers and jacket)

## Jacket features



Rescue strap on the back with grip



Practical, padded grip pieces on all pocket flaps and front cover



Extreme freedom of movement thanks to ergonomic sleeve design



Width adjustment at the sleeve end



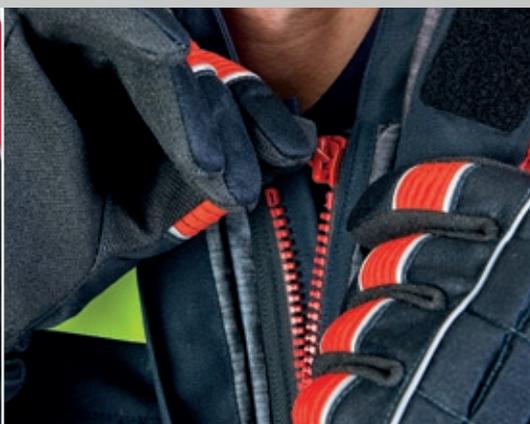
Holding straps on both sides for hand-held microphone.



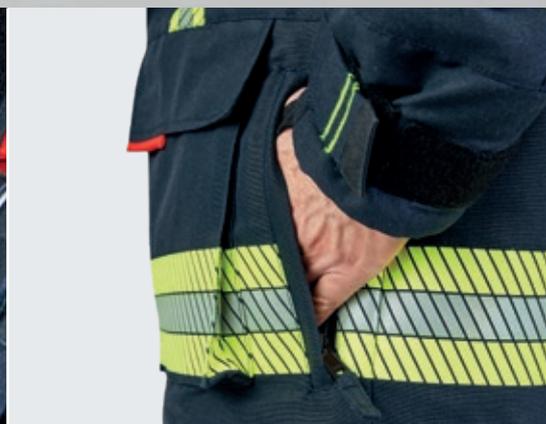
Breathable 3-layer moisture barrier on sleeve hem and front cover



Lamp holder on front cover and radio pockets on both sides



Plastic zipper with quick release function

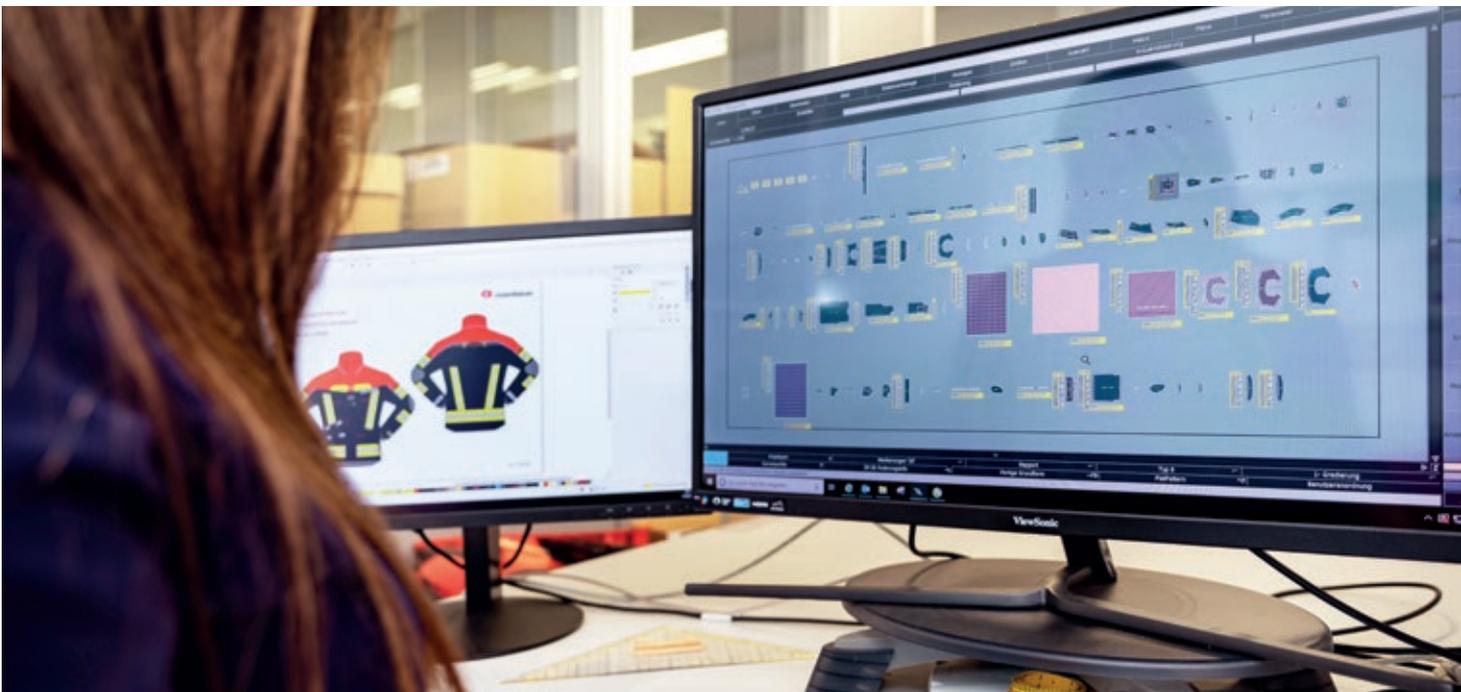


Angled comfort side pockets

# Personal protective equipment.

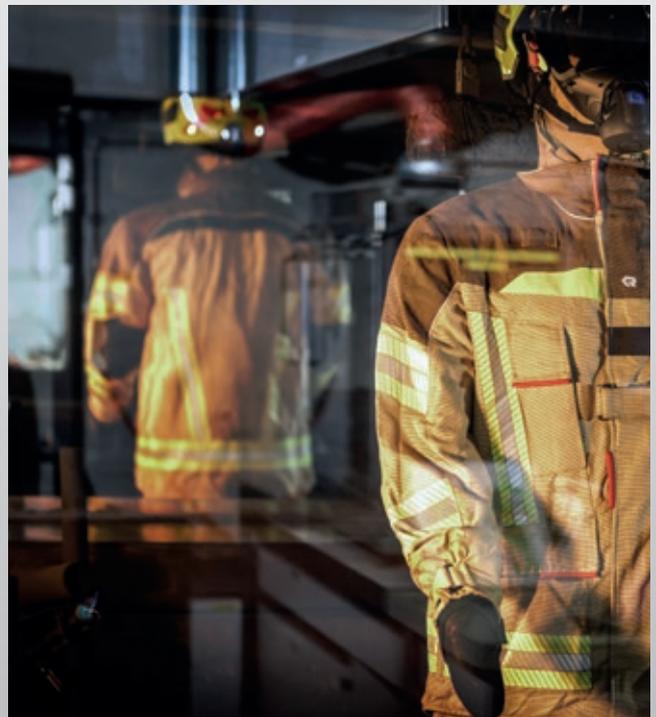
## Development and production from a single source.

Rosenbauer has been a leader in the development, production, and marketing of firefighting technology for decades. Innovation is certainly one of the company's strongest and most consistent core competencies. The in-house development department and the design shop for personal protective equipment are core elements of the continuous technological development.



### PPE from head to toe

Rosenbauer delivers perfectly matched equipment from head to toe. Rosenbauer is the only provider on the market that can offer all personal protective equipment for firefighting operations from a single source. All equipment - from helmets and protective suits to gloves and boots - is designed by our own employees. New standards have been set with HEROS helmets. Protective clothing increases operational safety. Protective gloves and firefighter boots complete the personal equipment perfectly.



### By professional firefighters for professional firefighters

From concept to market maturity, Rosenbauer receives direct market feedback from within. Many employees work for the fire services and provide hands-on feedback in the development process. All protective equipment is tested before launch under real conditions. What is brought to market as an innovation corresponds 100 % to the requirements and needs of the customers.



### Product development and tailoring in-house

Firefighter clothing is developed in-house at Rosenbauer. Product management, development, design, and pattern tailoring intensively work together on new models and on the continuous improvement of the protective suits. Individual customer requirements or changes to standards can thus be rapidly implemented in new products.

### Maximum quality standards The most modern production standards

Numerous certifications confirm that the highest customer requirements are met. A network of audited and tested manufacturing partners in Europe ensures compliance with the highest standards and a sustainable supply chain of protective clothing.



# FIRE FLEX

Professional protection. Perfect fit.



## FIRE FLEX protective suit

Available sizes: 40-42 to 68-70 each in five lengths: A (156-164 cm), B (164-172), C (172-180), D (180-188) and E (188-196 cm)

Outer fabric Color	NOMEX® NXT black-blue/red	NOMEX® NXT black-blue/gold	NOMEX® NXT black-blue	NOMEX® NXT gold	X55 WITH PBI gold/brown
Jacket	14 1470	14 1471	14 1472	14 1473	14 1474
Trousers	14 1432 (black-blue)			14 1435	14 1437 (gold)
Outer fabric Color	NOMEX® XTR black-blue/red	NOMEX® XTR black-blue/gold	NOMEX® XTR black-blue	NOMEX® XTR gold	NOMEX® XTR red
Jacket	14 1442	14 1443	14 1444	14 1446	14 1448
Trousers	14 1445 (black-blue)			14 1447	14 1449

## Options

140949	<b>Rear lettering</b> permanently printed 1st line: FIRE DEPARTMENT, 2nd line: CITY NAME, font size 4 cm, font length max. 38.5 cm, 2 lines The font color must be indicated!
14059922	Fleece for sections spine label 45 x 10 cm
14 1062 1	Fleece for sections spine label 38 x 8 cm
14 10629	Tunnel for FIRE FLEX protective jacket for use in conjunction with the IRS belt
14 10628	Pocket under front cover (Napoleon pocket)
1409806	Sewing in RFID chip UHF (jacket or trousers)
140781	Sleeve pocket 16 x 9 x 4 cm on left sleeve; with flap and Velcro tab

## Accessories

1405966	<b>Name tag</b> embroidered on Velcro, 15 x 3 cm. Indicate color of tag and embroidery!
140948	Rear lettering on Velcro, two lines, size 10 x 45 cm
14 1062	Rear lettering on Velcro, two lines, size 8 x 38 cm
14 1253	Safety belt / rescue strap IRS belt, available in sizes 40-42 to 68-70 (same as jacket sizes)



140949 Rear lettering



1410628 Napoleon pocket



141253 Safety belt / rescue strap IRS BELT



# FIRE MAX 3

**Next generation of protection  
and wearing comfort.**

Protective suit certified as to EN 469:2005 +  
A1:2006 including Annex B and EN 1149-5:2008

 **rosenbauer**

Ready for operation at any  
time with the FIRE MAX 3.  
Especially lightweight.  
Especially comfortable.



# FIRE MAX 3 – the protective suit.

**Maximum protection. Best wearing comfort. Sporty style.**

**Developed by professionals for extreme operations.**

The Rosenbauer FIRE MAX 3 protective suit was developed to offer firefighters maximum protection while at the same time guaranteeing the best wearing comfort.

- Certified as to EN 469:2005 + A1:2006 including Annex B and EN 1149-5:2008
- Maximum protection class in all three categories: heat resistance, water density, and water vapor permeation resistance
- Tested according to EN ISO 11612 for protection against liquid iron splashes
- Protective clothing against the thermal hazards of an electric arc IEC 61482-2 Class 2
- Maximum comfort – maximum protection
- Modern, sporty style
- With many functional and practical details



*Maximum protection in firefighting operations.*



*Highest level of comfort with every movement.*



IEC 61482-2 Class 2



EN 1149-5:2008



Thermo-Man®



EN 469:2005

Xf 2  
Xr 2  
Y 2  
Z 2



### Modern style, perfect fit.

Emergency crews often need to work for many hours under the most exacting of conditions. Whether in wet or cold, or facing extreme heat - a protective suit must guarantee maximum safety while at the same time offering the best possible wearing comfort.

This explains why the FIRE MAX 3 places so much emphasis on a perfect fit, a sporty style, and a comfortable wearing experience. In addition to this, experience in terms of the fit and practical features from the field of functional sports clothing were incorporated into the FIRE MAX 3 protective suit's design.

### Improved visibility – with new reflective stripes.

The FIRE MAX 3 also offers various benefits in terms of reflective stripes:

- Certified in line with visibility regulations as per Annex B of EN 469
- Sleeves and collar with silver reflective braid
- Reflective stripes around the torso, sleeves and pant legs
- Additional vertical reflective stripes on the front side and slightly v-shaped stripes on the back side of the jacket
- Silver-colored reflective stripes on the chest and vertically on the pants legs



# High-end materials.

## Premium quality. Maximum protection.

### Improved material structure with PTFE membrane.

The FIRE MAX 3 has a totally new material structure. For the first time, it uses innovative PTFE membranes for maximum breathability accompanied with the best of class heat resistance. Thanks to the new structure, in combination with the PTFE membrane, sweat is quickly transported off the body to the outside, thus avoiding excessive heat build-up to a great extent.

In the RET test (Resistance to Evaporating Heat Transfer) the new material structure achieves a low value of just 15 m<sup>2</sup> Pa/W. The mandatory standard value in the highest class requires a water vapor permeation resistance value of ≤ 30 m<sup>2</sup> Pa/W.

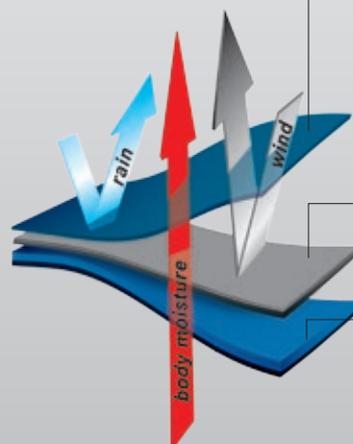
### Uncompromising safety.

Despite excellent breathability, the FIRE MAX 3 is still equipped with a safety thermal lining in order to ensure safety in extreme situations.



### Genuinely light – just 3.1 kg.

The weight of a protective suit plays an important role when it comes to a comfortable wearing experience. The FIRE MAX 3 weighs in at just 3.1 kg (for sizes 48-50).



## Fabric structure

### Outer fabric

**NOMEX® Tough, NOMEX® NXT**  
Weight: approx. 195 g/m<sup>2</sup>  
Colors: dark blue, gold or red (NXT)

### PBI Matrix and X55 with PBI

Weight: approx. 205 g/m<sup>2</sup>  
Color: golden yellow

### Moisture barrier (liner)

PTFE membrane on Basofil non-woven carrier  
Weight: approx. 105 g/m<sup>2</sup>

### Safety thermal lining

Basofil non-woven material with quilted cover layer made of mixed aramid/viscose fabric.  
Weight: approx. 180 g/m<sup>2</sup>



**Its advantages: tensile strength and flame resistance.**

The new X55 material with PBI offers extremely good mechanical properties. When it comes to tensile strength, it achieves eight times the performance required by the EN 469 standard (> 3,600 N). In terms of tear propagation resistance, the suit even exceeds the minimum requirements many times over (up to 600 N as per ISO 4674-1 procedure B).



**X55 with PBI: two colours in one suit.**

With its special design, this protective suit gets everyone's attention. Two colours – gold-yellow and dark brown – provide a purposeful contrast and lend the suit a particularly attractive look and feel. The shoulder areas and sleeves, the pants cuff, as well as details on the jacket and pants pockets are executed in striking dark brown. The FIRE MAX 3 made from X55 with PBI not only provides firefighters with the best protection, but also maintains its excellent features even after many washes.



# The new high-performance materials.

## X55 with PBI and NOMEX® NXT.

The outer fabrics NOMEX® NXT and X55 with PBI supplement the existing variants of the FIRE MAX 3 protective suit. The benefit of the X55 outer fabric is the use of a PBI high-performance fabric with excellent tensile strength, even better flame resistance and a distinctive look. The NOMEX® NXT material impresses with its excellent washing resistance and, thanks to long-term impregnation, through its particularly long service life.

The X55 material always retains its shape, even after many washes.



### NOMEX® NXT.

The FIRE MAX 3 protective suit made of NOMEX® NXT is a visual and technical improvement of the proven NOMEX® Tough quality. This firefighting clothing not only scores with its colour selection, but above all also through its excellent washing resistance. Even after several washes, this protective clothing retains its colour and shape. The long-term impregnation (up to 40 washes without re-impregnation) and the higher tear strength of the NXT material, compared to the conventional NOMEX® Tough quality, also ensures a particularly long service life. The FIRE MAX 3 from NOMEX® NXT is available in three colours: red, gold and black-blue.

# FIRE MAX 3 IRS

## Protective jacket with integrated rescue system.

This special version of the FIRE MAX 3 jacket allows the wearer to secure victims – or in extreme cases – to facilitate his own rescue. The jacket is equipped with an internal tunnel, through which the Rosenbauer IRS belt can be inserted.

### Reflective striping with added value.

Extensive reflective striping is another highlight of the IRS jacket. The quality and quantity of the reflective stripes follow the specifications of the German standard HuPF (production and testing description for universal protective fireproof clothing). Thus, the jacket complies with Annex B of EN 469 in all sizes. As a result, it is not necessary to wear a warning vest in some countries (warning vest exemption), as stipulated by statutory requirements.



## ■ Applications for the integrated rescue system

### As restraint system

The restraint system serves to prevent free falls. Fire fighters must be able to secure themselves in place in order to avert the risk of falling. Falling is ruled out by preventing the firefighter from even coming close to edges that represent a falling risk. Applications, for example, include work on embankments, flat roofs, etc.

### As positioning system

By leaning into the system, a working position can be maintained which prevents free-fall. In other words, leaning into a tensioned system without the risk of falling. Applications include working on ladders, for example.

### As rescue system

The rescue system prevents the free fall of the rescuer and the person to be rescued during operations. This includes self-rescue as well as the rescue of victims.



## It's this easy

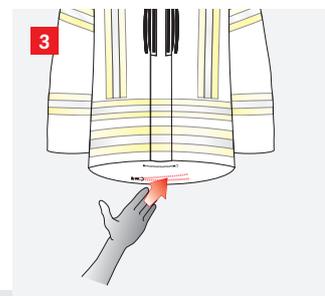
The front side of the jacket features two additional openings.



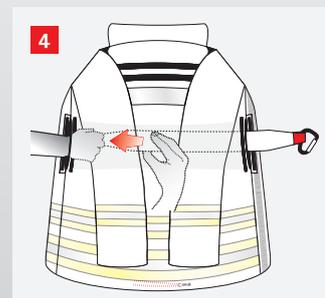
The Rosenbauer IRS belt is inserted through an internal tunnel in the jacket.



The belt tunnel is accessed through an extra opening on the lower end of the jacket.



This means the belt can be effortlessly pushed forward.



The belt is fully inserted and the two loops that can be attached to a carabiner.



### The Rosenbauer IRS belt

A belt is available as an optional accessory for the FIRE MAX 3 IRS jacket. It is certified as per EN 1498 Cl. A and EN 358. It consists of an 85 mm wide aramid belt with a triple-lock HMS aluminum carabiner according to EN 362.

### Details and options

The FIRE MAX 3 IRS jacket is additionally equipped with a robust quick-release zipper. Two Velcro pieces on the back allow for a sign (38 x 8 cm) to be attached. The jacket is available in four different variations: NOMEX® Tough dark blue or gold, PBI Matrix and PBI NEO.

# Numerous features.

Protection. Safety. Comfort.



# Functional accessories.



## Trousers features



9  
5 cm wide suspenders, removable thanks to Velcro fasteners



12  
Moisture blocker made of flame-retardant PU coated Aramid fabric at the trouser's seam.



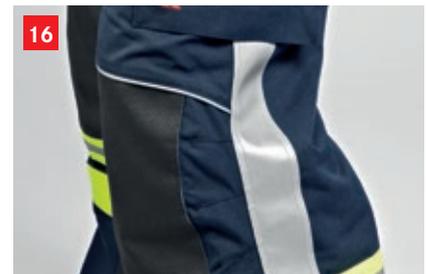
15  
15 x 2.5 cm fleece strip for attaching a name strip on the left side pocket flap



10  
Fly with zipper and Velcro fastener, covered by flap



13  
Inspection opening to check status of membranes



16  
Ergonomically shaped knees with reinforcements and sewn-in knee pads made of water-repellent cellulose rubber.



11  
Reinforcements at the knees, on the cuffs and interior seams of the pants made of flame-retarding silicon-carbon coated Para-aramid fabric



14  
Elastic waistband for perfect adjustment



17  
5 cm wide reflecting strips around the legs and a vertical silver-colored reflective stripe on the outside of the trousers

### Practical and comfortable

The practical features leave nothing to be desired: numerous pockets, holders for lamps and shoulder patches, reinforced at the knees and elbows, removable suspenders, zipper openers for checking the membranes, and other useful features round off this protective suit.

# Functional accessories.

## Jacket features

FIRE MAX 3 was developed to meet fire departments' needs in the best possible way.

The suit is equipped with numerous features and functional accessories to give firefighters maximum benefits in terms of safety, comfort, and practical handling.



Flame protection collar can be pulled up under the helmet, closure with Velcro fastener at the front



No moisture penetration thanks to moisture blocker made of PU-coated Aramid fabric



Heat protectors for even more safety in the breathing apparatus belt area



Holding loop for manual microphone on left



Ergonomically shaped elbows with reinforcements made of flame-retardant, silicon-carbon coated Para-aramid fabric



Radio pockets on both sides



Sleeve width can be adjusted individually due to Velcro, sleeves with innovative NOMEX knitted wristlet and thumb hole



Inspection opening to check status of membranes

# FIRE MAX 3

Next generation of protection and wearing comfort.



## FIRE MAX 3 protective suit NOMEX®

Available sizes: 40-42 to 60-64 each in three lengths: B (164-172), C (172-180), and D (180-188)

Outer fabric color	NOMEX® Tough dark blue	NOMEX® Tough gold	NOMEX® NXT black-blue	NOMEX® NXT gold	NOMEX® NXT red
Jacket	14 1200	14 1202	-	-	14 1262
IRS jacket (without belt)	-	-	14 1266	14 1267	14 1268
Trousers	14 1201	14 1203	14 1263	14 1264	14 1265

## FIRE MAX 3 protective suit PBI

Available sizes: 40-42 to 60-64 each in three lengths: B (164-172), C (172-180), and D (180-188)

Outer fabric color	PBI Matrix golden yellow	X55 mit PBI golden yellow/ dark brown
Jacket	14 1204	14 1240
IRS jacket (without belt)	14 1252	14 1242
Trousers	14 1205	14 1241

## Accessories for FIRE MAX 3 and IRS jacket

1405966	<b>Name tag</b> embroidered on Velcro, 15 x 3 cm. Indicate color of tag and embroidery!
	<b>Rear lettering</b> in capital letters, lettering height 4 cm, 2 lines: 1st line FIRE DEPARTMENT, 2nd line MUNICIPALITY, indicate lettering color when ordering!
140949	Rear lettering applied directly to back (standard jacket only)
14059922	Velcro part on rear of jacket 45 x 10 cm (standard jacket only)
140948	Rear lettering attached with Velcro (standard jacket and IRS jacket)
14 1062	Detachable rear lettering on Velcro, size 38 x 8 cm (for IRS jacket)
14 1253	Safety belt and rescue strap for FIRE MAX 3 IRS jacket Available in sizes 40-42 to 66-70 (same as jacket size)



Jacket and trousers



EN 469:2005

Xf2  
Xr2  
Y 2  
Z 2

## FIRE FIT 2 Protective Suit

- Certified according to EN 469:2005 and EN 1149-5 (antistatic)
- Excellent protection for all firefighting applications
- Trusted and tested materials designed to provide a comfortable fitting suit

 **rosenbauer**

# FIRE FIT 2 Protective Suit

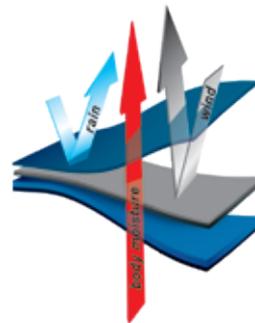


## Protective jacket design

- Comfortable, ergonomically designed protective jacket provides the highest level of protection
- Specially designed sleeves ensure enhanced freedom of movement
- Moisture blocker made from flame-retarding PU-coated aramide fabric on jacket ribbed cuffs and waist, preventing ingress of moisture inside the jacket
- Robust, smooth-running plastic zipper, covered by two flaps
- Flame protection collar can be pulled up to under the helmet
- Individual width adjustment on the sleeves by Velcro strap
- Sleeve ends with comfort NOMEX® knitted cuff and thumb hole for added comfort
- Special workmanship ensures the jacket's layers remain in place when donning and doffing
- Radio pocket on left breast as standard
- With two inside side pockets with strap and push button to attach a carabiner (not in delivery scope)
- 15 x 2.5 cm fleece strip for attaching a name strip above the radio pocket
- Holding loop for PTT or microphone on the left
- Torso with 5 cm and 7.5 cm circumferential yellow/silver/yellow reflective stripes, on the sleeves with 7.5 cm circumferential yellow/silver/yellow reflective strip and on the front side at breast height horizontal with 5 cm yellow/silver/yellow reflective strips
- Back length 85 cm (size 52 - 54 C)

## Protective trousers design

- Comfortable, ergonomically designed trousers
- 5 cm wide, fixed suspenders as standard
- Optimum fit is ensured through adjustable elasticated bands on each side
- Fly with zipper and Velcro fastener, covered by flap
- Two sewn-on side pockets, covered with flap; lower edge of the pocket designed with bottom gusset
- 15 x 2.5 cm Velcro section to attach a name badge to the left side pocket
- Moisture blocker made from flame-retardant PU-coated aramide fabric preventing the ingress of moisture
- Additionally equipped with fixed sewn-in knee pad made from water-repellent cellular rubber
- Knee reinforcement made from black flame-retarding silicon-carbon coated para-aramide fabric
- Each leg has circumferential 5 cm and 7.5 cm yellow/silver/yellow reflective stripes



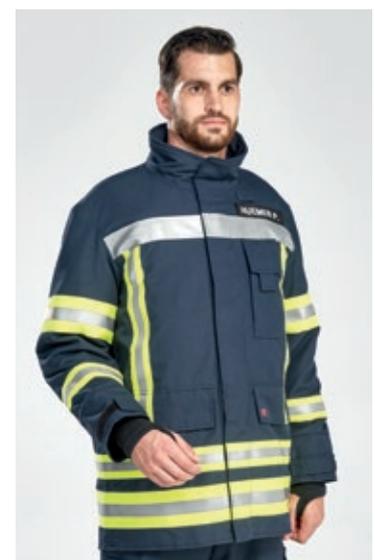
**Outer fabric:**  
NOMEX® Tough  
approx. 195 g/m<sup>2</sup>, color dark blue

**Moisture barrier:**  
Water-proof and breathable  
membrane, approx. 150 g/m<sup>2</sup>

**Inner lining:**  
Aramide fleece with stitched  
aramide/viscose covering,  
sewn-in approx. 270 g/m<sup>2</sup>

## Order data

14 1350	FIRE FIT 2 protective jacket
14 1352	FIRE FIT 2 "HuPF" protective jacket like 141350 but with "HuPF"-style striping, panic zipper and fleece section to allow a 38 x 8 cm spine label to be attached (optional)
14 1351	FIRE FIT 2 protective trousers
Sizes	40-42 to 66-70 each in five lengths: A (156-164 cm), B (164-172 cm), C (172-180 cm), D (180-188 cm) and E (188-196 cm)
Weight	Jacket approx. 1.60 kg (size 48-50C), trousers approx. 1.33 kg (size 48-50C)
Accessories	
1405966	Name strip approx. 15 x 3 cm, indicate band embroidery color
140949	Rear lettering directly on the back of the jacket, rear lettering in capital letters, lettering height 4 cm, first line: FIRE DEPARTMENT, second line: MUNICIPALITY, indicate lettering color when ordering!
14 1062	Detachable rear lettering on Velcro (only for 141352) Size 38 x 8 cm, two lines, lettering height 3 cm



Protective jacket with "HuPF"-style striping