

FYRPRO® NXT-C Fireman Suit (COVERALL)

Article Number: 13152869



The Pinnacle of Safety and Comfort

Leading the new X-Series, the FYRPRO® NXT Firefighter Coverall is designed to provide maximum protection and comfort during firefighting operations. Equipped with innovative textile technologies, this coverall offers firefighters top-level safety, performance, and freedom of movement.

Certified Safety

FYRPRO® NXT coveralls are CE marked and certified in compliance with the (EU) 2016/425 Personal Protective Equipment (PPE) Directive. These coveralls are manufactured to meet EN 469:2020 standards, and fully comply with EN 1149-5:2018 electrostatic properties and EN ISO 13688:2013 general requirements. Additionally, all materials are OEKO-TEX certified, ensuring they are free of harmful substances and environmentally friendly.

Superior Design and Functionality

Designed as a single-piece garment, the FYRPRO® NXT coverall is specially developed for firefighter safety. Its lightweight and ergonomic design offers maximum mobility and comfort, allowing users to perform at their best.

Standards



MED Approval



CE



EN 469:2020 X2,Y2,Z2



Category III



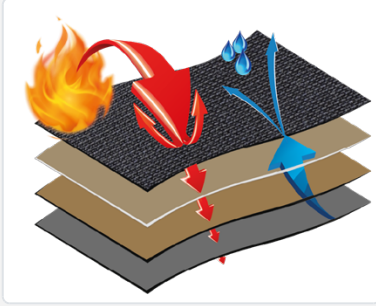
EN ISO 13688:2013



EN 1149-5:2018

TECHNICAL DETAILS

Layer System



- **Outer Shell:** Made from Nomex® NXT fabric, consisting of 75% Nomex®, 23% Kevlar®, and 2% P140.
- **Moisture Barrier:** Enhanced PTFE membrane combined with Aramid Nonwoven and Aramid Yarn for superior moisture resistance (80% Meta-aramid, 20% Para-aramid).
- **Thermal Barrier:** 100% Kermel® inner lining for added heat protection.
- **Inner Layer:** A blend of 50% Kermel® and 50% Lenzing™ FR for optimal fire resistance.

- **Layer Structure:** 4-layer protection, certified to the latest EN 469:2020 European standard.
- **Customizable Design:** Available in four color options—Navy, Gold, Orange, and Red. Two-tone designs are also offered.
- **Outer Shell:** Made from Nomex® NXT fabric, consisting of 75% Nomex®, 23% Kevlar®, and 2% P140.
- **Moisture Barrier:** Reinforced PTFE membrane + Aramid Nonwoven + Aramid Yarn moisture barrier (80% Meta-aramid, 20% Para-aramid).
- **Thermal Barrier:** 100% Kermel® inner lining for enhanced heat protection.
- **Inner Layer:** 50% Kermel®, 50% Lenzing™ FR.

EN 469:2020 X2 Y2 Z2 LEVEL 2

TESTS	TEST METHOD	MARKING
Heat Transfer (Flame)	EN ISO 9151	X2
Heat Transfer (Radiant)	EN ISO 6942	
Resistance to Water Penetration	EN ISO 811	Y2
Water Vapor Permeability	EN ISO 11092	Z2

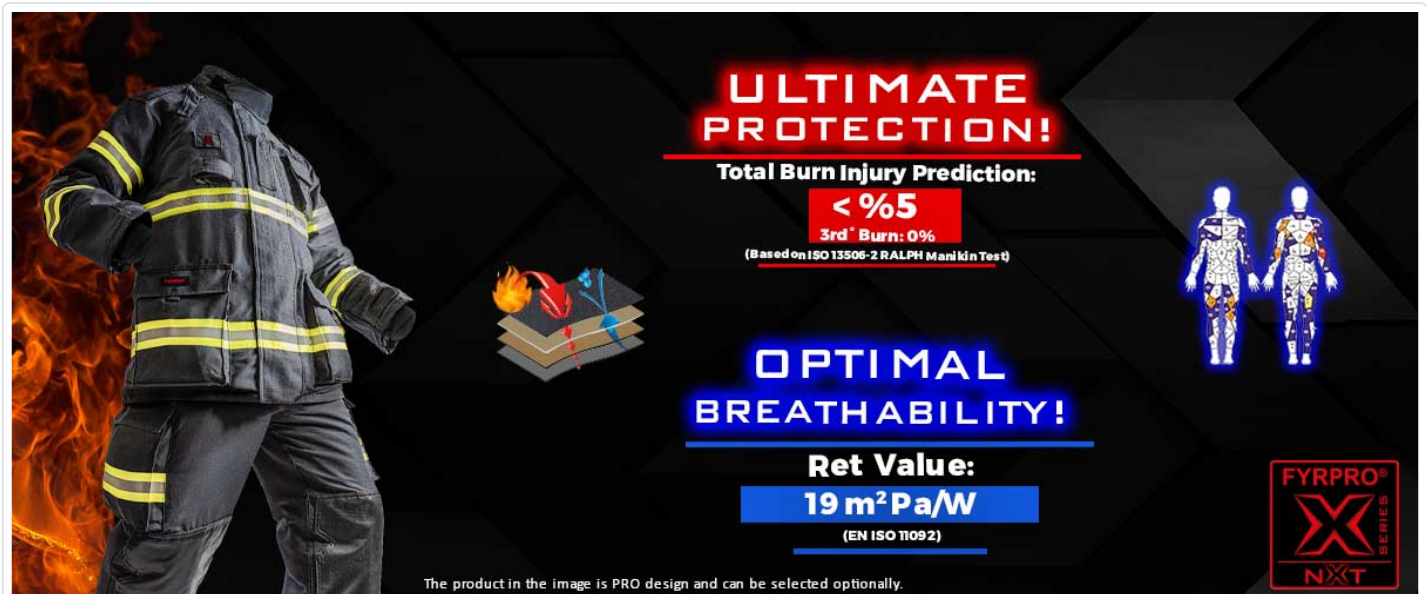
Advanced Safety and Comfort



- **Layer Structure:** 4-layer protection, certified to the latest EN 469:2020 European standard.
- **Customizable Design:** Available in four color options—Navy, Gold, Orange, and Red. Two-tone designs are also offered.
- **Reflective Features:** Flame-resistant reflective stripes by YSL or 3M™ Scotchlite™, backed by aramid support, 50 mm wide.
- **Zipper System:** Durable FR brass zipper with panic flap and extra neck protection.
- **Antistatic and Durable Outer Layer:** High abrasion and puncture resistance, with water- and oil-repellent properties.
- **Mobility:** Enhanced ergonomic design with extra underarm gussets and flexible knee construction.
- **Elastic Waist:** Stretchable waist for a perfect fit and ease of movement.

Extra Safety and Comfort

FYRPRO® NXT helps maintain optimal body temperature during prolonged use, reducing heat stress for firefighters. Its lightweight and flexible design allows for comfortable movement even in intense work environments.



The graphic features a firefighter in a dark grey suit with yellow reflective stripes on the left. In the center, a stack of books is being burned by a flame. On the right, two heat maps show the distribution of heat on a human body. Text overlays provide performance metrics:

- ULTIMATE PROTECTION!**
- Total Burn Injury Prediction: **< %5**
- 3rdrd Burn: 0%
- (Based on ISO 13506-2 RALPH Manikin Test)
- OPTIMAL BREATHABILITY!**
- Ret Value: **19 m² Pa/W**
- (EN ISO 11092)

The product in the image is PRO design and can be selected optionally.

FYRPRO® NXT

Innovative Layers

Revolutionary Outer Layer: Nomex® NXT

The Nomex® NXT outer shell is the next evolution of Nomex® Outershell Tough fabric, providing 300% greater tear resistance. Even after repeated washing, the fabric retains its vibrant look and offers unparalleled protection and comfort in hazardous conditions.



- **Durability:** Delivers superior performance in extreme environments.
- **Compliance:** Maintains EN 469 and EN 1149 standards even after 40 wash cycles.

High-Performance Moisture Barrier

The PTFE membrane + Nonwoven Moisture Barrier provides comprehensive protection against heat, flames, and steam. Reinforced with Aramid yarn, it prevents moisture buildup while keeping hazardous liquids and chemicals at bay.

- **Liquid Resistance:** Protects against dangerous substances like blood, chemicals, and water.
- **Biological Protection:** Ensures safety against potential infection risks.

Chemical and Liquid Protection

The PTFE Membrane + Nonwoven Moisture Barrier offers superior protection not only against heat and flames but also hazardous liquids, ensuring firefighters are safeguarded against both biological and chemical threats.

- **Biological Protection:** Enhances safety in the presence of biological hazards.

Stay Ahead in Every Mission with FYRPRO® NXT

Crafted from high-quality materials with innovative design, the FYRPRO® NXT coverall provides firefighters with the highest levels of safety, durability, and comfort.

FYRPRO® NXT SIZE CHART				
BODY SIZE	PERSON'S HEIGHT (CM)	PERSON'S CHEST (CM)	PERSON'S WAIST (CM)	JACKET LENGTH (CM)
XS 42/44	158-164	80-88	68-76	82
S 46/48	164-170	88-96	76-84	83
M 50/52	170-176	96-104	84-92	84
L 54/56	176-182	104-112	92-100	85
XL 58/60	182-188	112-120	100-108	86
XXL 62/64	188-192	120-128	108-116	87
3XL 62/65	188-192	128-136	116-124	88
4XL 62/66	192-196	136-142	124-132	89
TOLERANCE ± 2%				

Optional Features

- **Silicon-Coated Aramid Reinforcement on Knees and Elbows:** Provides extra durability and longevity under harsh conditions.
- **Silicon-Coated Aramid Reinforcement on Leg Ends:** Offers superior protection against wear, ensuring a longer lifespan.
- **Silicon-Coated Aramid Reinforcement on Cuffs, Leg Ends, and Jacket Hem:** Reinforced for added protection during heavy use.
- **Aramid Felt Reinforcement on Knees:** Ensures extra safety and comfort with high-resistance material.
- **Double-Layer Reinforcement on Shoulders:** Provides additional durability against weight and wear.
- **Side Cargo Pockets on Trousers:** Practical storage for easy and quick access to gear.
- **Waterproof Barriers on Leg Ends, Jacket Hem, and Cuffs:** Prevents water and moisture from seeping in, enhancing comfort.
- **Silver Reflective Back Writing:** Ensures instant and effective visibility in all environments.
- **Embroidered Logo:** Adds a personalized and professional touch.
- **High-Waisted Trousers:** Designed for a perfect fit and additional protection.
- **Aramid DRD (Drag Rescue Device):** Ensures safe and swift rescue interventions in emergency situations.
- **Detachable Inner Liner:** Allows for easy maintenance and cleaning, ensuring long-lasting hygiene.
- **Inspection Zipper:** Facilitates easy access for internal garment inspection and maintenance.
- **Pre-Bent Design:** Pre-shaped arms and legs provide extra comfort and flexibility during movement.
- **Napoleon Pockets:** Conveniently accessible pockets designed for secure and easy storage of small tools or essentials.
- **Drain Holes, Eyelet:** Allow efficient water drainage to keep the gear lightweight and dry during operations.
- **Segmented Reflective Tapes:** Enhances visibility with flexible, breathable, and durable reflective material that adapts to movement.

Design Your Own FYRPRO®!

Bringing your dream firefighter uniform to life has never been easier!

Simply use our firefighting suit design configuration form to quickly choose every detail—model, color, fabric, and more—and send us your design with a single click.

Access the PDF form right [here](#) and turn your vision into reality!



By choosing FYRPRO® firefighter protective clothings, you get many advantages.

FYRPRO® series fireman suits are guaranteed for 12 months according to the terms and conditions of our company. We trust our product and guarantee that our protective clothings are free from defects in material and workmanship for a period of 1 (one) year.

FYRPRO® series fireman suits have lots of advantages through its favorable construction;

International requirements: specialised equipment according to the international standards

Quality: focusing on the best items in the market

Breathability: protecting moisture barrier from wet without losing breathability

Reduced heat stress: thermal barrier enhancing protection against heat

Durability: qualified technical fabrics

Comfort: lightweight and flexible during extended wear

Freedom of movement: mobility in dangerous firefighting situations

Firefighting is a tough job. It is essential to focus on important details. FYRPRO® offers you the highest protection with a special design gaining above advantages via using top quality materials. It allows your body breathe and supplies you comfort during extended periods of wear. Not letting the increase of your body temperature during firefighting, lowers your heat stress. This is an extensive experience FYRPRO® provides you.

Lifetime of FYRPRO® Garments

In general, there are no legal restrictions on the duration of use of firefighter suits.

Although it varies according to the way of use, the basic rule (without guarantee) is the use of a garment.

It can be assumed that the average lifespan is 10 years.

This life is calculated based on various levels of use recorded by fire brigades.

In addition, after 10 years, there will be an opportunity to buy a garment using the latest technologies in the light of technological developments and care should be taken in this regard.

For more information about firefighting suits, please contact our expert sales team.



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**OEKO-TEX® is a registered trademark of OEKO-TEX Service GmbH.*

**Fyrpro® is a registered trademark of our company.*

**There may be differences between the colors presented on the website and the original products.*

**All information provided on the ist.com.tr website is subject to change without notice.*

OPTIONAL ACCESSORIES



Gray Reflective
Back Text



Silver Reflective Back
Writing



Aramid Felt
Reinforcement on
Knees



Aramid Felt
Reinforcement on
Elbow



Pre-Bent
Design



Pre-Bent
Design



High-Waisted
Trousers



Waterproof Barriers on
Leg Ends, Jacket Hem, and
Cuffs



Inspection Zipper



Napoleon Pockets



Radio
Pocket



Cargo
Pocket



Aramid DRD
(Drag Rescue
Device)



Detachable Inner Liner



Jacket Collar Type



Jacket Type



Drain
Holes,
Eyelet

