

# FYRPRO® FIREFIGHTING SUITS

NXT FIREMAN SUIT  
(JACKET & PANTS)

P/N:13152368



X2  
Y2  
Z2

EN 469:2020



EN 1149-5:2018



EN ISO  
13688:2013



MED  
2489/25

FYRPRO®

X SERIES

NXT

## The Pinnacle of Safety and Comfort

Leading the charge in our groundbreaking X-Series, the FYRPRO® NXT Firefighter Suit is designed to provide maximum protection and comfort during fire operations. Equipped with cutting-edge textile technology, this suit delivers top-tier safety, performance, and freedom of movement to firefighters on the front lines.

## Certified Safety You Can Trust

FYRPRO® NXT garments are CE marked and certified in compliance with the (EU) 2016/425 Personal Protective Equipment (PPE) Directive. Manufactured according to the EN 469:2020 standard, they also meet EN 1149-5:2018 electrostatic requirements and EN ISO 13688:2013 general criteria. All materials are OEKO-TEX certified, ensuring they are free of harmful substances and eco-friendly.

## Superior Design and Functionality

Designed as a jacket and trouser set, the FYRPRO® NXT prioritizes firefighter safety. Its lightweight and ergonomic design offers maximum mobility and comfort, allowing users to perform at their best.

## 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

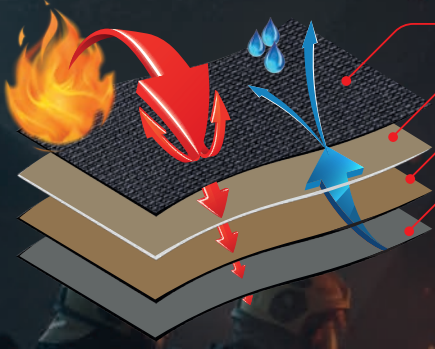
Comfort: lightweight and flexible during extended wear

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.



## LAYER SYSTEM



- Outer Layer:** Nomex® NXT (75% Nomex®, 23% Kevlar®, 2% P140), 195gsm
- Moisture Barrier:** FR-FELT + PTFE(R) 80% Metaaramid, 20% Paraaramid + PTFE membrane, 170 gsm
- Heat Barrier:** 100% Kermel® nonwoven fabric quilted to inner lining, 55 gsm
- Inner Liner:** 50% Kermel®, 50% Lenzing™ FR, 115 gsm

Nomex® and Kevlar® are the registered trade marks of DuPont™  
Kermel® is the registered trade mark of Kermel SAS  
Lenzing™ FR is the registered trade mark of Lenzing AG

- ✗ **Layer Structure:** Certified to the latest EN 469:2020 European standard with a 4-layer protective system.
- ✗ **Customizable Design:** Available in four color options—Navy, Gold, Orange, and Red—with dual-tone designs also offered.
- ✗ **Reflective Features:** Flame-resistant reflective stripes by YSL or 3M™ Scotchlite™ Aramid-backed 50 mm stripes.
- ✗ **Zipper System:** Equipped with a permanent FR brass zipper, panic flap system, and extended neck protection.
- ✗ **Antistatic and Durable Outer Layer:** High abrasion and puncture resistance, with water- and oil-repellent properties.
- ✗ **Enhanced Mobility:** Extra underarm panels for improved ergonomics.
- ✗ **Elastic Waist Trousers:** Stretchable waist design for a perfect fit and additional comfort.

### Innovative Protection

FYRPRO® NXT helps firefighters maintain optimal body temperature during long hours of operation, reducing heat stress. Its lightweight and flexible design ensures comfort even in the most demanding environments.

### 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.



**ULTIMATE PROTECTION!**

**Total Burn Injury Prediction:**

**< %5**

3rd° 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.

**Nomex**

**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 Rope, it prevents moisture buildup while keeping dangerous liquids and chemicals at bay.

**Liquid Resistance:** Protects against blood, chemicals, and water exposure.

**Biological Protection:** Ensures safety against potential infection risks.

Chemical and Liquid Protection

In addition to heat and flame resistance, the PTFE Membrane + Nonwoven Moisture Barrier shields firefighters from hazardous liquids, ensuring biological and chemical safety on the job.

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

Stay Ahead with FYRPRO® NXT

Crafted with high-quality materials and an innovative design, FYRPRO® NXT offers firefighters the ultimate in safety, durability, and comfort—keeping them one step ahead in every mission.




X2  
Y2  
Z2

EN 469:2020


TESTS	TEST METHOD	MARK
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

Standarts




X2  
Y2  
Z2

EN 469:2020




EN 1149-5:2018



EN ISO  
13688:2013

PPE  
Personal Protective  
Equipment  
Category III  
REGULATION  
(EU)2016/425



MED  
2489/25



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- 3M™ and Scotchlite™ are registered trademarks of 3M.
- 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](http://ist.com.tr) website is subject to change without notice.



# DESIGN

ENHANCED PROTECTION, UNMATCHED COMFORT, AND VISUAL APPEAL



"THE DIVERSITY OF FIREFIGHTING MISSIONS IS THE CORE STRENGTH OF OUR DESIGNS. THE FYRPRO® SERIES OFFERS A RANGE OF PERFECTED SUITS TAILORED TO MEET THE VARIED NEEDS OF OUR HEROES.

FROM THE PRACTICAL FLEXIBILITY OF THE STANDARD JACKET AND TROUSERS COMBINATION TO THE COMPREHENSIVE PROTECTION OF OUR COVERALL SOLUTIONS, AND THE SPECIALIZED, TECHNICALLY-DRIVEN PRO DESIGN MODELS FOR COMPLEX OPERATIONS—EACH PRODUCT IS A SEAMLESS BLEND OF SAFETY AND FUNCTIONALITY. EVERY SINGLE DESIGN IS METICULOUSLY ENGINEERED NOT ONLY TO GUARD AGAINST FLAME AND HEAT BUT ALSO TO MAXIMIZE MOBILITY AND ERGONOMIC COMFORT. FYRPRO® DESIGNS ARE THE GUARANTEE OF YOUR PROFESSIONALISM IN THE FIELD."



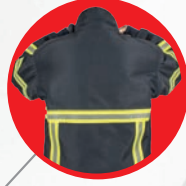
## Standard Features



Extra deep pockets with flaps with hook and loop closure on both sides of the bottom of jacket, a length and width adjustable radio/cell phone pocket on the left chest and an adjustable loop for hanging a flashlight.



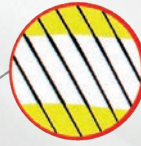
Additional part under the armpits for optimum freedom and ease of movement.



Closure System : FR permanent, 9 mm metal brass, open end, quick release zip with flap, FR Velcros, FR sewing threads, neck protection.



YSL or 3M™ Scotchlite™ Reflective Material options.  
50 mm yellow/silver/yellow aramid backed fire retardant retro reflective trims. Segmented reflective tape option is also available.



The cuff is Kermel® knitted and provided with thumbhole design.



A carabiner (D-ring) for hanging gloves is available band is on the left pocket.



Elasticized waist available in trousers' waist.  
The trousers are designed with additional components such as hook and loop, elastic waist and suspenders (braces) and has ergonomic flexible design. The cuffs and collar are with adjustable FR hook and loop for width adjustment.



Color Options





# Standard Design





Pro Design



### Introducing the FYRPRO® NXT Pro Design: Enhanced Protection, Unmatched Comfort, and Visual Appeal

Building on the robust foundation of the original FYRPRO® NXT Firefighter Suit, the Pro Design version elevates both safety and style to new heights. This cutting-edge variant not only maintains the highest standards of protection in extreme conditions but also incorporates additional layers of ergonomic design and comfort. With superior craftsmanship that prioritizes wearability, the Pro Design provides professionals with a garment that enhances mobility while minimizing fatigue during prolonged operations.

What sets the Pro Design apart is its seamless blend of visual aesthetics with practical benefits. The refined design adds a modern, polished appearance that reflects the professionalism and confidence of the wearer. This means that firefighters can rely on maximum protective performance without compromising on comfort or style.



# Design Features

## Standard Design Features



STANDARD DESIGN

- The jacket and trousers are designed fully compliant with European standards.
- Quilted inner lining ensures worker comfort.
- The outer layer is a high-strength, antistatic fabric that repels water and oil.
- The outer fabric features a ripstop weave for a stylish look.
- Cuffs have meta-aramid knitted wristlets.
- Adjustable flame-resistant Velcro on cuffs and neck.
- Gussets under the arms enhance mobility.
- Flame-resistant Velcro on the right chest for name tags.
- All stitching threads are 100% Aramid.
- Reflective stripes are 50mm thick, yellow-gray-yellow, flame-resistant, and high-visibility, with an optional segmented design.
- Double reflective strips on the jacket, sleeves, and torso.
- High-quality, flame-resistant panic zippers with a cover flap.
- Flap pockets on both sides, a radio pocket on the left chest, and a hook for a flashlight on the jacket.
- Metal hooks for hanging gloves above the left pocket.
- Elastic suspenders on trousers designed to be ergonomic and non-irritating.
- The trousers are designed with Velcro, elastic, and suspenders for a comfortable fit.
- Certification information is included on the garment label.
- A user manual printed in three languages is provided with the suit.
- All firefighter suits are delivered with a black carrying bag.

## Optional Design Features



PRO DESIGN

Optional design features that can be included in the standard design of FYRPRO® firefighter suits upon request are as follows:

- Aramid silicon reinforcement on knees and elbows
- Ergonomically pre-shaped knees and elbows
- Padded shoulders and knees
- Aramid silicon reinforcement on leg ends and sleeve ends
- Aramid silicon reinforcement on shoulders and jacket ends
- Aramid felt reinforcement on knees
- Double-layer reinforcement on shoulders
- Side cargo pockets with flaps on trousers
- Waterproof barriers at leg ends, bottom of jacket, and cuffs
- Gray reflective writing on the front or back of the jacket
- Embroidered logos
- High-waisted trousers
- Removable suspender system
- Napoleon pocket, upper arm pocket (or additional pockets)
- Zipper on boots and side vents
- Aramid DRD (Drag Rescue Device)
- Removable inner layer with zipper or hook-and-loop material
- Inspection opening zipper

FYRPRO® NXT BODY SIZE				
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



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



## Optional Features



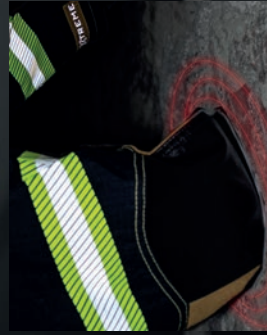
Silver Reflective  
Back Writing



Side cargo pockets on  
trousers



Aramid Felt  
Reinforcement on Knees



Aramid Felt  
Reinforcement on Elbow



Pre-Bent Design



Pre-Bent Design



Waterproof  
Barriers on Leg



Inspection Zipper



Napoleon Pockets



Radio Pocket



Cargo Pocket



Aramid DRD  
(Drag Rescue Device)



Detachable Inner Liner



Jacket Collar Type



Jacket Type



Drain Holes, Eyelet

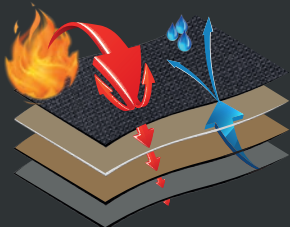


High-Waisted Trousers





	<b>XPERT</b>	<b>XTREME</b>	<b>NXT</b>
	Jacket & Trousers P/N:13152372	Jacket & Trousers P/N:13152370	Jacket & Trousers P/N:13152368
	Coverall P/N:13152373	Coverall P/N:13152371	Coverall P/N:13152869
Standard	EN 469:2020 X2 Y1 Z2	EN 469:2020 X2 Y2 Z2	EN 469:2020 X2 Y2 Z2
Performance Level	Level 1	Level 2	Level 2
Moisture Barrier	-	PTFE	PTFE
Ret Value EN ISO 11092	✓ 20m² Pa/W	✓ 20,50m² Pa/W	✓ 19m² Pa/W
Protective clothing- Electrostatic properties	EN 1149-5:2018	EN 1149-5:2018	EN 1149-5:2018
Burn Protection (Manikin Test Report) ISO 13506-2 RALPH	- No test result available yet	✓ Total Burn < 8.1% 3rd Degree Burn 0%	✓ Total Burn < 4,9% 3rd Degree Burn 0%
EU-type Examination Certificate	✓	✓	✓
Category	Category III	Category III	Category III
MED (Marine Equipment Directive) Approval	⚙️	⚙️	⚙️
General Performance Requirements	EN ISO 13688:2013	EN ISO 13688:2013	EN ISO 13688:2013
Custom Design Applicability	✓	✓	✓
Pro Design (Optional)	✓	✓	✓
Reflective Options 50/75 mm Yel.Grey Yel. /Grey	Straight/Segmented	Straight/Segmented	Straight/Segmented
Color Options			
Number of Layers	3	4	4
Layer Weight	515g/cm²	560g/cm²	535g/cm²
Layer Information	<p>Outer Layer : 75% Meta-aramid, 23% Para-aramid, 2% Antistatic fiber 200 gsm</p> <p>Heat Barrier : 100% Kerlme® (2 layers) quilted to inner lining 100 gsm</p> <p>Inner Lining : %50% Kermel®, %50 Lenzing™FR 115 gsm</p> <p>Reflective Tapes : YSL 50 mm yellow/silver /yellow aramid backed fire retardant retro reflective trims. Segmented reflective tape option is also available.</p> <p>Closure System : FR permanent, 9 mm metal brass or plastic, open end, quick release zip with flap, FR Velcros, FR sewing threads, neck protection.</p>	<p>Outer Layer : 75% Meta-aramid, 23% Para-aramid, 2% Antistatic fiber 200 gsm</p> <p>Moisture Barrier : PTFE MEMBRANE WITH ARAMID ROPE AND FR-FELT 170 gsm</p> <p>Heat Barrier : 100% Kermel aramid nonwoven fabric quilted to inner lining, 75 gsm</p> <p>Inner Layer : %50 Kermel®, %50 Lenzing™FR, 115 gsm</p> <p>Reflective Tapes : YSL or 3M™ Scotchlite™ 50 mm yellow/silver/yellow aramid backed fire retardant retro reflective trims. Segmented reflective tape option is also available.</p> <p>Closure System : FR permanent, 9 mm metal brass, open end, quick release zip with flap, FR Velcros, FR sewing threads, neck protection.</p>	<p>Outer Layer : Nomex® NXT (75% Nomex®, 23% Kevlar®, 2% P140) 195 gsm</p> <p>Moisture Barrier : FR-FELT + PTFE(R) 80% Metaaramid, 20% Paraaramid + PTFE membrane, 170 gsm</p> <p>Heat Barrier : 100% Kermel aramid nonwoven fabric quilted to inner lining, 55 gsm</p> <p>Inner Layer : %50 Kermel®, %50 Lenzing™FR,</p> <p>Reflective Tapes : YSL or 3M™ Scotchlite™ 50 mm yellow/silver/yellow aramid backed fire retardant retro reflective trims. Segmented reflective tape option is also available.</p> <p>Closure System : FR permanent, 9 mm metal brass, open end, quick release zip with flap, FR Velcros, FR sewing threads, neck protection.</p>
Technology	<b>LENZING™ YSL</b> <b>Scotchlite™</b>	<b>LENZING™ YSL</b> <b>Scotchlite™</b>	<b>Nomex®</b> <b>Kevlar®</b> <b>LENZING™</b> <b>YSL</b> <b>Scotchlite™</b>
<b>Scotchlite™</b> 3M Reflective can be selected as an option; YSL is used as standard.			





## Complementary Products



**FYRHOOD@50**  
Knitted Fire Hood  
(Balaclava)



**FYRHOOD@50**  
KNITTED FIRE HOOD  
(BALACLAVA) -  
SHORT MODEL



**PENKERT BASIC GRIP**  
SHORT Fire Fighting  
Gloves



**CHIBA Top Rescue**  
Fire Fighting Gloves



**RESPIREX ISOTEC**  
Heat & Flame  
Resistant Safety  
Boots (F3A)



**Etche Rubber**  
Fireman Boots (F3A)



**TUFFKING Fire Mobil**  
Leather Fireman  
Boots (F2A)



**TUFFKING HAKAN**  
Fireman Boots (F2A)



**Fireman Belt**



**PROS Fireman**  
Raincoat



**PAB FIRE COMPACT**  
Fire Fighting Helmet  
(Red)



**PAB FIRE 05 Fireman's**  
Helmet



**PAB FIRE 05 PRO**  
Fireman's Helmet



**LED FIRE 05 POWERFUL**  
INTEGRATED LED  
LIGHT



**PAB Helmet Mounted**  
Lamp



**Wolf@TS-24BT4**  
Series Safety  
Torches (2 Batteries-  
Straight Angle)



**Wolf@XT-75**  
Rechargeable  
Handlamp



**3M™ Scott™ Sigma 2**  
Type 2 Composite  
Cylinder SCBA



**3M Scott Sigma 2**  
Steel Cylinder Type 2



**3M™ Scott™ Elsa**  
Escape Mask With



**Filtering Device with**  
Hood for Escape



**DOT M 460 AIBIEIK2 +**  
CO



**204 UP3**  
A2B2E2K2CONOHg-



# 2D & 3D Product Configurator



- Elbise Özellikleri
- Örgü Ürünler
- Miğfer Özellikleri
- Eldiven Özellikleri
- Çizme Özellikleri
- Ek Aydınlatmalar
- Solunum Sistemleri
- Ortam Ayarları
- Kullanıcı Bilgileri
- Konfigürasyon Yükle



Konfigürasyonu  
Kaydet

Varsayılan Kamera

Seçimleri Sıfırla

**CUSTOM-MADE DESIGN DRAWING FORM FOR FYRPRO® SERIES FIREFIGHTING SUITS BY IST SAFETY LTD**

Product Name: **FYRPRO® NXT Fireman Suit (Jacket & Pants)**  
13152368

**Front View**

**Back View**

**Product Selection**

**Optional Design Features**

**Color Options**

**Pocket Options**

**Embossing Logo and Silver Reflective Back**

**Washing**

**Flashlight Strap**

**Aramid DRD (Drag Rescue Device)**

**Pen Pocket**

**Type of Suspenders**

**Pre-bent Ergonomically Pre-shaped**

**FYRPRO® Carrying Bag**

**Size Chart**

BODY SIZE	PERSONS HEIGHT (CM)	PERSONS CHEST (CM)	PERSONS WAIST (CM)	JACKET LENGTH (CM)	Enter Quantity
XS	158-164	90-98	68-75	82	
S	164-170	98-106	75-84	83	
M	170-176	106-114	84-93	84	
L	176-182	114-122	92-100	85	
XL	182-188	122-130	100-108	86	
XXL	188-192	128-136	108-116	87	
SKL	188-192	128-136	116-124	88	
4XL	192-195	128-142	124-132	89	
TOLERANCE ± 2%				TOTAL:	0

**APPROVAL SECTION**

**Additional Notes (Details):**

**Customer Name:**

**Approved By:**

**Received By:**

**IST SAFETY LTD**  
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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!







EU Declaration of Conformity:



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FYRPRO® Page:

