FYRPRO® XTREME-C Fireman Suit (Coverall)

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FYRPRO® XTREME-C Firefighter Coverall: Advanced Technology for Superior Protection

The new generation FYRPRO® XTREME-C Firefighter Coverall is designed to provide maximum protection for professionals during firefighting operations. Developed to withstand the most extreme conditions, this Coverall offers outstanding performance and comfort, while combining style and durability.

Why Choose FYRPRO® XTREME?

CE-Certified and Manufactured to High Standards

FYRPRO® XTREME® firefighter Coverall are CE-certified under the (EU) 2016/425 PPE directive and have the EC Type Examination Certificate. Additionally, they are manufactured in compliance with EN 469:2020 Level 2 (X2, Y2, Z2), EN 1149-3/5, and EN ISO 13688:2013 standards.

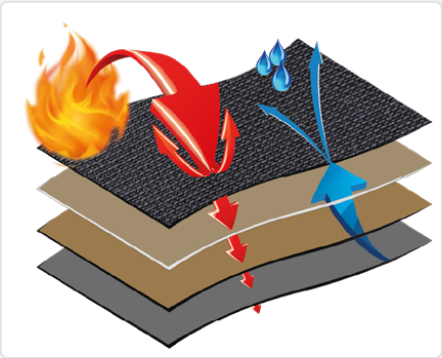
Standards

MED Approval | CE | EN 469:2020 X2,Y2,Z2 | Category lll | EN ISO 13688:2013

TECHNICAL DETAILS

Layer System

4-Layer Protection System



- **Outer Shell**: 75% Meta-aramid, 23% Para-aramid, 2% antistatic fiber
- **Moisture Barrier**: PTFE membrane + Nonwoven Moisture Barrier (80% Meta-aramid, 20% Para-aramid) reinforced with aramid rope.
- **Heat Barrier**: 100% Kermel® aramid nonwoven
- **Inner Lining**: 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

Ultra-Enhanced Outer Shell Fabric

The outer shell of the suit is made from **Ultra-Enhanced Outer Shell Fabric**, consisting of 75% Meta-aramid, 23% Para-aramid, and 2% antistatic fiber. This layer provides high resistance to external heat, water, and mild chemicals.

The fabric is treated with a special finish that repels water and oil. Additionally, **Rip-stop weaving technology** enhances the fabric's appearance while maximizing its strength and durability, offering high tear and tensile strength. Its **FRT Dope Dyed**construction provides excellent colorfastness, ensuring long-lasting color vibrancy, and it meets the requirements of the EN 469:2020 standard.

Advanced Moisture Barrier

The moisture barrier is made from 80% Meta-aramid and 20% Para-aramid nonwoven with a PTFE membrane reinforced with aramid rope . This barrier provides full protection against heat, flame, and steam while ensuring breathability.

- **PTFE Membrane Technology**: Effectively repels liquids while allowing moisture inside the suit to escape, keeping firefighters dry and comfortable during operations.
- **Aramid Rope Reinforcement**: Provides extra strength to maintain the fabric's structural integrity even under extreme conditions.
- **Superior Protection**: The combination of Meta-aramid and Para-aramid fibers offers high resistance to flames and heat, ensuring firefighters' safety in the most critical moments.

Chemical and Liquid Protection – Safety in the Harshest Conditions

The PTFE + Nonwoven Moisture Barrier offers exceptional protection not only against heat and flames but also against blood, chemicals, and other hazardous liquids. Its unique structure prevents liquid penetration while preventing moisture buildup inside, ensuring that firefighters remain safe from potential biological and chemical threats during critical interventions.

- **Liquid Resistance**: Provides outstanding resistance against liquids like blood, chemicals, and water, minimizing the risk of contact with hazardous substances.
- **Biological Protection**: Ensures safety against infections and biological hazards, guaranteeing protection in all emergency scenarios.

Heat Barrier and Inner Lining

The heat barrier is made of 100% Kermel® aramid nonwoven, providing maximum protection. The inner lining is a blend of 50% Kermel® and 50% Lenzing™ FR, offering lightweight comfort and ease of movement.

Reflective Strips and Design

Designed as a coverall, this suit is equipped with 50 mm wide yellow-silver-yellow flame-retardant reflective strips. Double reflective stripes enhance visibility and safety. Suits can also be produced with **segmented reflective strips**upon customer request.

Customization Options

FYRPRO® XTREME suits can be optionally reinforced with **Silicon-coated paraaramid material** on the elbows and knees for increased durability in more challenging environments. They can also be customized with reflective back lettering, logos, name tags, and more to align with your corporate identity. Additionally, a **Prebent** design option is available, allowing the suit to adapt to the body's movement for improved comfort during action. Inner linings can also be produced as removable for added versatility.

Color Options

Standard color options include **gold**, **navy**, and **orange**, with additional colors available upon request.

The FYRPRO® XTREME suit combines safety and comfort for demanding firefighting operations. Its innovative design and exceptional protection features meet the highest standards, ensuring firefighters are equipped with the best gear available.

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

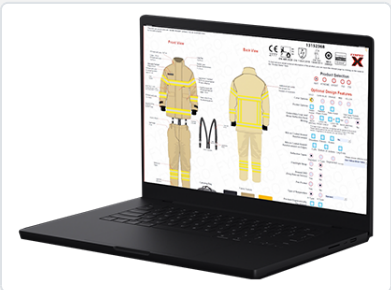
- **Silicon-Coated Aramid Reinforcement on Knees and Elbows**: Provides extra durability and longevity under harsh conditions.
- **Silicon-Coated Aramid Reinforcement on Leg Ends**: Offers superior protection against wear, ensuring a longer lifespan.
- **Silicon-Coated Aramid Reinforcement on Cuffs, 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 loosing breathibility

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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**3M™ and Scotchlite™ are registered trademarks of 3M.*
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**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

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