

FYRPRO® XPERT PRO Design Fireman Suit (Jacket & Pants)

Article Number: 13152372



Advanced Protection with Superior Performance

FYRPRO XPERT - Pro Design firefighting suit builds upon the already high-performing Xpert series, offering enhanced durability and top-tier protective features for the most demanding operations. This premium version incorporates advanced fabric technology and additional ergonomic refinements to ensure maximum protection and ease of movement.

With a focus on both functionality and aesthetic appeal, the Xpert Pro Design boasts a sophisticated look that matches its exceptional capabilities. The expertly engineered design helps reduce operational strain and supports extended periods of wear without compromising safety.

Choose the Xpert Pro Design for an unparalleled balance of robust protection, comfort, and professional presentation.

Why Choose FYRPRO® XPERT?

Safety Assured: FYRPRO® XPERT firefighter suits are CE marked and certified in accordance with the (EU) 2016/425 PPE directive. They comply with EN 469:2020 Level 1 (X2, Y1, Z2), EN 1149-3/5, and EN ISO 13688:2013 standards.

FYRPRO® XPERT is the ideal solution for low-risk operations. This suit provides reliable protection against heat, flames, and liquid splashes during firefighting operations, adhering to EN 469:2020 Level 1 (X2, Y1, Z2) standards. Its lightweight, breathable design without a moisture barrier makes FYRPRO® XPERT a more flexible and comfortable option, enhancing agility and speed during prolonged use.

Standards



MED Approval



CE



Category III



EN ISO 13688:2013



EN 1149-5:2018

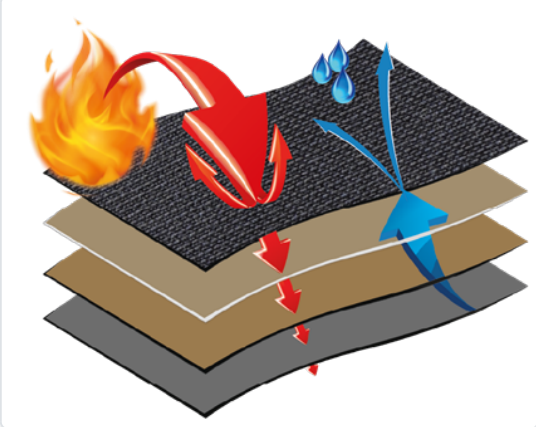


EN 469:2020 X2,Y1,Z2

TECHNICAL DETAILS

Layer System

Four-Layer Protection

A 3D diagram illustrating the four-layer protection system. It shows a cross-section of the fabric layers. On the left, a flame is shown with red arrows indicating heat transfer being blocked by the layers. On the right, water droplets are shown with blue arrows indicating water being repelled by the layers. The layers are depicted in different colors: a dark top layer, a light tan middle layer, and a dark bottom layer.

- **Outer Layer:** 75% Meta-aramid, 23% Para-aramid, 2% antistatic fiber
- **Thermal Barrier (Double Layer) :** 100% Kermel® aramid nonwoven (quilted to the inner lining)
- **Inner Lining:** 50% Kermel®, 50% Lenzing™ FR

EN 469:2020 - Level 1 (X2, Y1, Z2)

TESTS	TEST METHOD	SIGN
Heat Transfer (Flame)	EN ISO 9151	X2
Heat Transfer (Radiant)	EN ISO 6942	
Water Penetration Resistance	EN ISO 811	Y1
Water Vapor Permeability	EN 11092	Z2

Ultra-Enhanced Outer Layer Fabric

The suit’s outer layer is crafted from an Ultra-Enhanced Fabric, consisting of 75% Meta-aramid, 23% Para-aramid, and 2% antistatic fiber. This layer offers high resistance to external heat, water, and light chemicals. Thanks to a special treatment, it is also water and oil repellent. The rip-stop weave not only enhances the suit’s stylish appearance but also maximizes durability with high tear and rip resistance. The fabric, dyed using FRT Dope Dyeing, retains vivid colors even after multiple washes and is treated to comply with EN 469:2020 standards.

Enhanced Comfort and Mobility

FYRPRO® XPERT is designed with an ergonomic cut to provide firefighters with maximum freedom of movement. Special cuts on the arms and legs ensure the suit fits perfectly, allowing for more comfortable and flexible use during operations.

Customizable Design



The FYRPRO® XPERT suit can be customized with reflective back writing, name tags, and logos to match your organization's branding. Additionally, different color options are available upon request. See the list of optional features below.

Standard Color Options

Available in gold, navy blue, and orange, with other colors available on request to meet your specific needs.

Advanced Technology for Safe Operations

Every detail of FYRPRO® XPERT has been meticulously designed to combine safety, comfort, and durability for missions that require lighter protection.

Optional Features

- **Silicon-Coated Aramid Reinforcement on Knees, Elbows, and Shoulders (When Needed):** Provides extra durability and longevity under tough conditions.
- **Silicon-Coated Aramid Reinforcement Inside and on Leg Ends:** Offers superior abrasion resistance, extending the lifespan of the garment.
- **Anti-Wicking Waterproof Barriers on Cuffs, Leg Ends, and Jacket Hem:** Reinforced to prevent water and moisture penetration, providing enhanced protection during heavy use.
- **Aramid Felt Reinforcement on Knees:** Ensures extra safety and comfort with high-resistance material.
- **Double-Layer Reinforcement on Shoulders:** Offers outstanding durability against weight and abrasion.
- **Side Cargo Pockets on Trousers:** Practical storage for quick and easy access to equipment.
- **Waterproof Barriers on Leg Ends, Jacket Hem, and Cuffs:** Prevents water and moisture from seeping in, ensuring long-lasting comfort.
- **Silver Reflective Back Writing:** Provides instant and effective visibility in all conditions.
- **Embroidered Logo:** Adds a personalized, professional touch that enhances your brand.
- **High-Waisted Trousers:** Designed for a perfect fit, offering extra protection and comfort.
- **Aramid DRD (Drag Rescue Device):** Ensures safe and quick rescue interventions during emergencies.
- **Detachable Inner Liner:** Offers 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.
- **Gusseted Zippers:** Convenient gusseted zippers at the pant legs make it easier to put on boots.

- **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!



Our raw materials are especially chosen as OEKO-TEX certified. The materials have been scientifically tested for the presence of harmful substances and are a better and safer choice for your health. Textiles carrying the OEKO-TEX® MADE IN GREEN label are produced more sustainably in socially responsible workplaces.

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.

**Lenzing™ FR is a registered trademark of Lenzing AG.*

**Kermel® is a registered trademark of Kermel SAS.*

**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 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



İvedik OSB Mh. 2269. Cd. No:42 PK.06374 Yenimahalle / ANKARA



0312 384 13 00



info@ist.com.tr