

## FYR-KNIT® HEAT AND ARC FLASH PROTECTIVE POLO SHIRT (FYRTEX UW 50)

Article Number: 18518811



The FYR-KNIT® Polo Shirt (FYRTEX UW 50) is designed for protection against heat, flame, and arc flash, featuring antistatic properties. With its certified performance, comfortable, and lightweight design, it is an ideal choice for professionals working in risky environments.

### Key Features

**Heat and Flame Resistance:** Protects the body against the adverse effects of heat, flame, and welding splatter.

**Antistatic Properties:** Prevents static electricity buildup for a safer working environment.

**Arc Flash Protection:** Shields the body from the harmful effects of heat, pressure, and molten particles caused by arc flash incidents.

**Single-Layer Structure:** Lightweight and comfortable due to its single-layer construction.



### Standards



EN ISO 11612:2015 A1 B1 IEC / EN 61482-1-2 Level 1:

C1



4kA



CE



Category III



EN 1149-5:2018

## TECHNICAL DETAILS

- **Fabric Composition:** Made from a high-performance blend of Kermel®, Lenzing™ FR, and Antistatic fibers, offering exceptional heat and flame resistance while enhancing safety with its antistatic properties. The durable and comfortable structure ensures prolonged protection and ease of use.
- **Design:** Constructed from pique knit fabric.

## Standards

- **CE Certification:** Compliant with the (EU) 2016/425 Personal Protective Equipment Regulation and possesses the required EU Type Examination Certificate. CE marked.
- **IEC 61482-2 Certified:** Provides protection against arc flash according to European standards.
- **IEC/EN 61482-1-2:** Offers Class 1 (4kA) level of protection.
- **EN/IEC 61482-1-1:** ATPV value of 11 cal/cm<sup>2</sup>.
- **EN ISO 11612:** Protects against heat and flame with performance levels A1 B1 C1.
- **Antistatic Compliance:** Meets EN 1149-5 standards.
- **Ergonomic Standards:** Designed in accordance with EN ISO 13688 for optimal comfort and fit.

## Performance Levels

- **Limited Flame Spread (EN ISO 15025):** A1
- **Convective Heat (ISO 9151):** B1
- **Radiant Heat (EN ISO 6942):** C1

## General Features

- **Comfortable Design:** Made from single-layer knit fabric, its elastic structure allows for easy wear and removal. The pique knit texture ensures user comfort.
- **Customization:** Logos or branding can be added to the chest and back via embroidery or reflective printing. Available in polo or crew neck styles upon request. Pocket options are also available.
- **Size Options:** Offered in various sizes.

**Applications:** The arc flash protective polo shirt is designed to protect workers in the electrical industry from the dangers of heat and flame caused by electrical currents. CE certification indicates compliance with personal protective equipment regulations, classifying this garment as Category III.

## Suggested Accessories

- Arc flash protective trousers or jacket-trouser set,
- Arc flash protective helmet,
- Arc flash protective hood/visor,
- Arc flash protective gloves,
- Arc flash protective boots.

## Why Choose the FYR-KNIT® Polo Shirt (FYRTEX UW 50)?

The FYR-KNIT® Polo Shirt (FYRTEX UW 50) is specially designed for professionals working in the electrical industry and other high-risk sectors. With high-quality materials and ergonomic design, it provides maximum protection and comfort even in the most demanding work environments.

## For Orders and Information

Your safety is our priority. Selecting the correct size and suitable accessories is crucial. For detailed information and orders, please contact us.

Stay Safe and Comfortable with FYR-KNIT®!

## OPTIONAL ACCESSORIES

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Gri Reflektif Sirt Yazısı



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