



## LIGHTWEIGHT PROTECTIVE SUIT

# FHR 019

- ✓ Personal Protective Equipment Category III.
- ✓ Complies with the most stringent protection standards in accordance with Regulation (EU) 2016/425 and the following harmonised standards:
  - EN ISO 15384:2020+A1:2021 Protective clothing for firefighters – Laboratory test methods and performance requirements for wildland firefighting clothing.
  - EN 16689:2017 Protective clothing for firefighters. Performance requirements for protective clothing for technical rescue.
  - EN ISO 11612:2015 Protective clothing. Clothing to protect against heat and flame. Minimum performance requirements.
  - EN 1149-5:2018 Protective clothing. Electrostatic properties Material performance and design requirements.
  - EN 13688:2013 Protective clothing – General requirements,
- as confirmed by a certificate issued by Notified Body No. 2474 MIRTA-KONTROL d.o.o.
- ✓ Certificate of admittance issued by Notified Body No. 1438 CNBOP-PIB.



## FHR 019 complete lightweight suit (jacket & trousers)

### Intended use:

Modern, professional personal protective equipment designed to protect the user during operations including: hazard response activities, technical disaster mitigation, natural disaster mitigation, specialized rescue operations, forest firefighting, and other related operations. The suit protects the user against thermal hazards, convective heat, radiant heat, flame contact, and electrostatic charge accumulation.

### Fabric composition:

- ✔ Base fabric:  
32% aramid, 32% modacrylic, 23% lyocell, 11% polyamide, 2% antistatic fiber.
- ✔ Fluorescent ripstop:  
44% modacrylic, 30% cotton, 20% polyamide, 5% p-aramid, 1% antistatic fiber.
- ✔ Additional reinforcements:  
Specialized aramid fabric composite with ceramic coating.
- ✔ **Jacket** – equipped with five functional pockets, including one for a radio transceiver. Sleeves feature hook-and-loop fasteners for printing the user's name/organization and a fastener for organization logo placement; cuffs are adjustable. Elbows incorporate additional reinforcements made of specialized high-performance modern fabric with high tensile parameters. Additionally, attachment points are provided for securing technical gloves.
- ✔ **Trousers** – feature elastic, replaceable, adjustable suspenders. Leg sections incorporate reinforcements in the lower cuff area and double reinforcement at the knees: high-performance Ripstop fabric reinforcements and aramid fabric with ceramic coating. Additionally, the knee protection area includes a replaceable shock-absorbing insert. The trousers also feature two rear pockets and two cargo-type side pockets.

The entire suit is equipped with modern heat-transfer reflective tape in silver and yellow colors, complying with standard: EN ISO 20471:2013/A1:2016 – High visibility clothing. Test methods and requirements.

