Dräger Aramid Fireman's Suit

Dräger would like to present its new line of firefighting clothes designed to the highest standards with one thing in mind: the firefighter. The new suit is the result of a close study of technical key features and usability of suits that are currently available in the market: the suit has been improved on eight key features as compared to the most readily available suits. Providing a safe barrier "between human will and fire's forces".

Radiation heat barrier
A Kermel fleece that provides excellent thermal protection, these very thin layers found inside the layer concept, minimise the amount of water that can replace the critical insulation air space in the garment.

Membrane
A Hi-Tech polyurethane membrane coated on the outer radiation heat barrier. Ensures exceptional breathable characteristics and unmatched durability. Up to a temperature of 380°C, this membrane gives a good protection against heat and chemicals and will not melt.

Liner
A combination of Nomex and Viscose. The Nomex thread of this special weave method with the 2,5% Kevlar makes the liner strong. The fire retardant Viscose thread provides comfort and transports moisture to the outside of the liner. The multi-layer configuration ensures that each layer accomplishes its part of the job.

Air layers and thermal barriers
The protective value of the "ESS® 5 layer system" in combination with the fabric composite is found in the air between the fire fighter and the heat source. Air itself is the greatest single source of insulation qualities in protective clothing. Sandwiching stitching inside the facing cloth is therefore never used. All the layers are not stitched to each other; this improves the thermal insulation value (TPP) by protecting the moisture barrier and creating multiple air spaces between the very thin layers.

Comfort
The used layer system creates a lightweight, durable and highly comfort-able garment without compromises to the suits protective features.

Quick Release Breakaway Zippers
Specially designed for military, firefighter and chemical suits. Ideal for situations where it's desirable to tear the zipper open without having to move the zipper all the way back.

Anti Aqua
High-Tech coated polyester fabric in sleeves, trouser legs, storm flap, back piece and pocket flaps. Prevents water and chemicals to easily enter the lining of the suit.

Eyelets
To quickly drain fluids from the suits pockets.

External padding
The suit features external protective pads on the knees and the elbows. Most other suits have their padding installed on the inside of the pants and do not use padding for elbows. Using padding for both elbows and knees increases user comfort. In addition using padding on the outside helps to protect the suit from damages on its most fragile parts.

Rounded pocket flaps
By using rounded pocket flaps the chances of being caught behind protruding parts when in action are reduced. In addition the rounding of the corners reduces wear and tear on the fabric in everyday use.

EU type Certificate
The manufacturer has obtained EU TYPE EXAMINATION in compliance with what is set out in Annex V (module B) in Regulation (EU) 2016/425 and in agreement with the applicable test procedures and technical specifications. Destined to protection of the entire body of the user with exception of head, hands and feet, according to the following standard/s:
- EN ISO 13688:2013 + EN ISO 13688:2013/A1_2021 general requirements.
- EN 469:2020 against risks up the operation of firefighting and related activities (X2,Y2, Z2).
- EN 1149-5:2018 against the risks of accumulation of electrostatic leads.
- Tests carried out after 5 washing cycles 40°C.

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TECHNICAL SPECIFICATIONS

Type of material	Aramid
Pockets	Jacket: Two side pockets with flaps, one inside pocket and one radio pocket on each chest Trousers: 2 box pockets on thighs. Inverse pocket in both sides.
Color	Orange or Navy, with reflective striping
Sizes	XS - XXXL
Weight	± 2,92 kg
Approvals	MED, EN469:2020 (X2, Y2, Z2), EN ISO 13688:2013, EN ISO 13688:2013/A1_2021, EN 1149-5:2018.