

NOMEX GRID 194F

INTERVENTION SUIT



EN 1149-5:2018



EN 469:2020

X2
Y2
Z2

The NOMEX GRID 194F intervention suit is a suit designed to combine highly effective protection against both external and internal thermal stress. The suit is designed in a way that cleverly combines a lightweight, high-quality material on the outside with the latest generation of advanced inner materials that use a 3D-structured hydrodynamic mesh for more efficient moisture management. The result is an attractive product with many functional details, which protects the user from the inside with intelligent moisture wicking, better breathability, sweat wicking and quick drying (heat stress is one of the biggest risk factors in emergency situations), thus improving the user's thermal and physiological comfort and reducing physical stress. The suit therefore offers a high degree of mobility and effective protection against both internal and external thermal loads. In addition to a high level of excellent protection, the suit itself boasts a comfortable and lightweight cut that allows the user good movement and mobility in any situation.



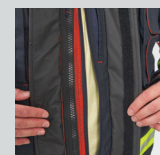
Easy belt insertion on front and back (protection belt, position belt).



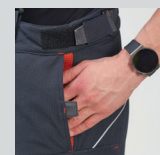
Reinforced Kevlar pulling straps.



Hook and loop fastener for sleeve adjustment, a moisture barrier on the inner side and a fire-retardant cuff with a thumb hole.



Inspection openings for checking the condition of all layers of the clothing (especially the membrane and thermal lining).



Numerous functional pockets with reinforced Kevlar puller.



Ergonomically shaped knees and sewn-in flameretardant knee pad.

1. Fire-retardant protection collar covering the entire neck. 2. Sling for a microphone attachment. 3. Hook and loop fastener for a tag.
4. Pocket for a radio. 5. Pocket for a flashlight. 6. Possible sleeve adjustment. 7. Possible waist adjustment. 8. Side pockets with flaps. 9. Sewn or laminated highly reflective stripes. 10. Optional silver reflective inscription on the back. 11. Removable and adjustable comfortable shoulder straps.

NOMEX GRID 194F

INTERVENTION SUIT

DuPont™
Nomex®

LONG DESCRIPTION

The NOMEX GRID 194F intervention clothing is a two-piece suit consisting of a protective jacket and protective trousers with removable and adjustable shoulder straps. It has a zipper that allows quick unfastening in case of emergency. The neck area is well covered by a protective collar. On the shoulders there are two pull out handles with reinforced seams, designed to pull the firefighter out of danger. It has adjustable sleeve cuffs and waistband. There is a flame-retardant cuff with a thumbhole at the end of the sleeves and a reinforced Kevlar ergonomic knee section on the trousers with a flame-retardant knee pad. The elbow section is also ergonomically designed and reinforced with Kevlar. The elbow and knee area is surrounded by a reflective stripe for an extra level of visibility in poor conditions, and a line of reflective stripe is located on the seat of the trousers. The suit contains yellow highly reflective stripes for improved visibility in poor conditions. The inner and outer part of

the jacket is equipped with several pockets with various functions – flashlight, radio and mobile phone holders, as well as regular side pockets with a Kevlar puller designed for easy access even if the user is wearing protective gloves. The jacket has an easy-to-install protection belt for fastening. There is a passage tunnel at the lower back. There is a hook and loop fastener sewn on the left chest of the jacket for adding a name patch, and a reflective print on the back of the jacket, depending on the user's preference. The trousers have two side pockets and two cargo pockets. There is an inner Kevlar reinforcement at the bottom of the trousers. Jacket and trousers have an inspection opening, protected by a zipper, which serves to inspect the inner layers of the clothing (mainly the membrane and thermal barrier). The suit is available in blue-red, with highly reflective yellow stripes. The suit can be fitted with sewn or laminated reflective stripes.

PRODUCT CODE

- Jacket: B_B_HB680
- Trousers: H_HB680

COLOUR OPTIONS

Blue/red combination with yellow reflective stripes.

SIZE

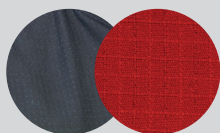
48-64 (M-3XL)

WEIGHT OF THE SANDWICH

550g/m²

MATERIALS

DuPont™
Nomex®



OUTER LAYER

Blend of 83% Nomex/15% Kevlar/2% FR filler.

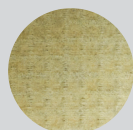
Durable and comfortable fabric with an excellent balance between comfort and protection.



MEMBRANE

Two-component LOW HEAT STRESS ' ePTFE membrane.

Lightweight tight-fit membrane for efficient moisture wicking, better breathability, fast sweat wicking and quick drying, excellent protection against heat build-up and heat stress.



THERMAL BARRIER

Combination of Melamine and Aramid fibres with 3D structure.



The suit is tested according to EN ISO 469:2020, EN 1149-5:2018 and EN ISO 13688:2013, by MIRTA KONTROL d.o.o. Zagreb (Notified Body No. 2474), which has issued the certificate of conformity no. OZO173-CPT001/23-A1.



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