



HTING GARMENT FIREFIGHTING GARMENT
FIGHTING GARMENT FIREFIGHTING GARMENT FIRE



832134
Fire

KIVAN
Group

What is FIRE layer?

1. Outer Layer
Nomex Outershell Tough (Ripstop)
%75 Meta-Aramid, %23 Para-Aramid, %2 Antistatic Fiber

2. Moisture Barrier
Heat resistant nonwoven
laminated to a breathable
waterproof membrane

3. Heat Barrier
2 Layer heat resistant
nonwoven quilted to
Nomex Comfort inner
lining

Heat Direction



832134
Fire



EN 469:2005 This European Standard specifies minimum levels of performance requirements for protective clothing to be worn during firefighting operations and associated activities such as rescue work, assistance during disasters. This European Standard covers general clothing design, minimum performance levels of the materials used and methods of test to be used to determine these performance levels. Firefighting Garments shall provide protection for the firefighters torso, neck, arms to the wrists, and leg to ankles during the activities.

EN 469: 2005 Level 2 is the higher requirement for structural fire fighting and is used by professional firefighters.

Level 2 Suits should include a waterproof moisture barrier.

Xf2 = Convective heat HTI24 \geq 13 s and HTI24 - HTI12 \geq 4 s

Xr2 = Radiant heat RHTI24 \geq 18 s and RHTI24 - RHTI24 \geq 4 s

Y2 = Water resistance \geq 20 kPa

Z2 = Water vapour resistance \leq 30 m2 Pa/W

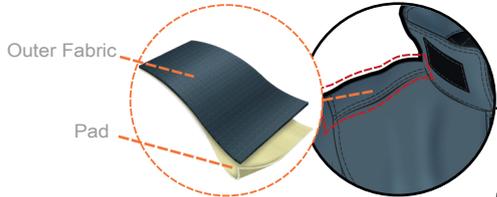


Panic zippers are used in order to unzip quickly in case of emergency.



There is front collar fly that can be adjustable to neck of person and that is foldable and protective.

CUSHIONING PAD SYSTEM



There is radio pocket, which has adjustable height on left chest part.



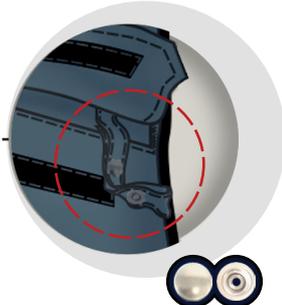
There are Antiwicking band that prevent ingress of liquids and knitted wristbands that prevent ingress of flame and burning parts at sleeve hems.



There are additional parts at armpits in order to increase mobility.



Sleeve hem of suit can be adjustable to fit to wrist of person.



There is a hanger tab with snap fastener in pocket to hang gloves when they are not used.



There is Antiwicking band that prevents ingress of liquids on tail part of jacket.



There is a pocket inside jacket so as to put personal belongings.



There is hanger tab in inner coat so as to hang ad dry after washing.



Fire 832134
Jacket 841102
Trousers 842135



There is an adjustable ergonomic shoulder strap system that helps fit to any body size.



There are functional semi hooded pockets.



There is a front fly with extra protection part that can be easily opened and closed with Velcro band and zipper.



There is a shoulder strap system that easily replaced in case any deformity.



There are wear resistant knee supports, which include changeable feltings that can be changes in case they are deformed.



There is antiwicking band that prevents liquid ingress and zipper that helps narrowing down trotters after boots are worn.



Fire 832134
Trousers 842135
Jacket 841102



OUR OTHER PRODUCTS SPECIFIC TO YOU



FIREFIGHTING and SEARCH RESCUE BOOTS

Our EN 15090 firefighter standard certified, ergonomic, heat insulated, protective against ankle sprain, steel toed model are available.



FIREFIGHTING HELMETS

Our EN 443 standards certified firefighter helmets have high temperature resistance as well as they ensure visibility in dark environments and at night by emitting light thank to their photo luminescent feature.



BREATHING APPARATUS

Back plates has sufficient durability to cope with challenging conditions. Each component has been selected and designed carefully. Carbon/Kevlar® composite tube ensures comfort due its lightness.



FIREFIGHTING GLOVES

Nomex and leather gloves that are certified to EN 659 standards are protective against high temperatures, flame and external factors and are ergonomic

