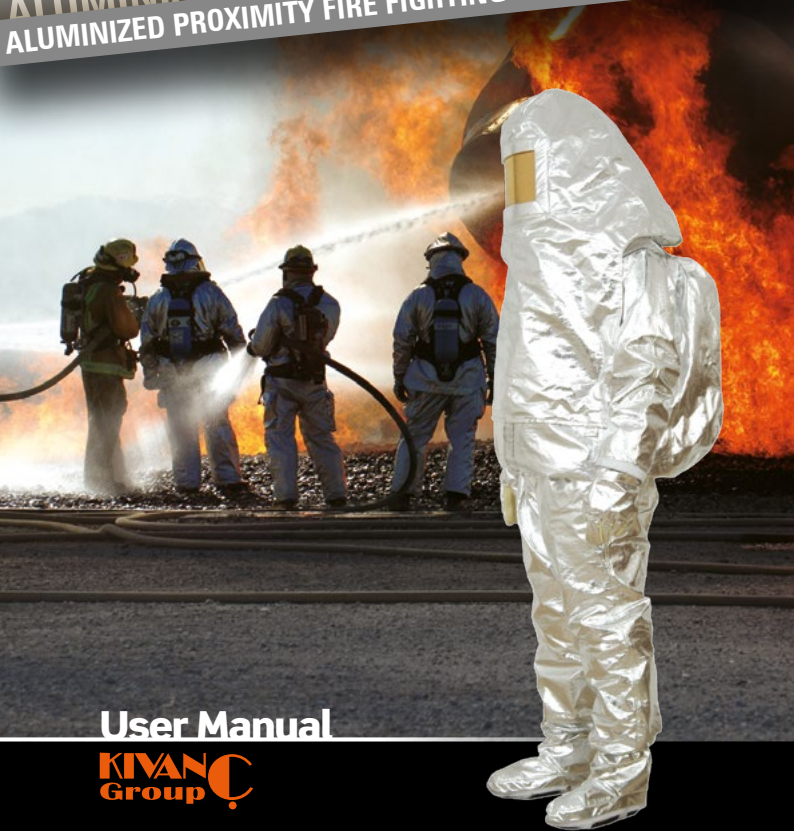




# ALUMINIZED PROXIMITY FIRE FIGHTING GARMENT

## ALUMINIZED PROXIMITY FIRE FIGHTING GARMENT ALUMINIZED



User Manual



**IMPORTANT:** PLEASE READ CAREFULLY THIS USER INFORMATION GUIDE BEFORE USING THE GARMENT!



## USE OF THE GARMENT

- This garment is produced and tested according to EN 1486 standard and EC Directive 89/ 686 EEC.
- This garment composed of the following parts:
  - Aluminized Shroud (hood)
  - Aluminized Jacket
  - Aluminized Trousers
  - Boot with Aluminized Gaiter
  - Aluminized Gloves
- Respiratory protective devices must be used with the garment. The purpose of using this garment is rescue operations and stop the fire in the aircraft fire which cause of high radiation, convective and contact heat, explosive gas or liquid fires etc.
- The exact protection of garment is depend on the lifetime and circumstances of wearing. The severity of these circumstances can alter very rapidly and extensively. The previous activity of the of the user will be affect of the protection level of the garments.
- To avoid heat stress, only wear the clothing during the fire. After the fire intervention, person have to be away from the fireplace and remove the clothes rapidly, to reduce heat energy inside of the garment.
- The firefighter clothes composed of the layered system, so the firefighter have to be trained to purpose of the clothes which is designed to using area. Furthermore firefighters have to know the information about the limits of the clothes and what action to take.
- Fires differ from the place and their application areas, so who use the reflective clothes have to be trained to the team working.
- The use of a multi-layer clothing assembly to achieve the protection level of the EN 1486. The Overjacket, Overtrousers, Shroud, gloves and boot with gaiter have been designed to offer protection as defined in EN 1486 on its own without under garments. The inner linings must not be separate from the garments. Removing any layer from the garment, reduce the protection level of the garment.



- This aluminized garment composed of the 3 layer system,
  - Outer Layer: Aluminized Para-Aramid knitted fabric. This layer is designed to protect the wearer from heat and flame.
  - Moisture Barrier: Breathable moisture barrier is designed to keep the wearer dry and allow the body to breath, consequently reducing heat stres.
  - Heat Barrier: This is a lightweight thermal barrier quilted to an FR inner lining offering a high level of thermal protection against heat.
- Do not change design of the clothes. Any modification reduce of the protection level of the garments.

## HOW TO WEAR THE GARMENT

Please wear parts of the garment according to the following steps

1. Trousers
2. Boot with gaiter (the trousers should overlap the gaiters)
3. Cylinder of the SCBA
4. Jacket (the jacket should overlap the trousers)
5. Face Mask of the SCBA
6. Shroud (the shroud should overlap the jacket)
7. Gloves

## STORAGE & MAINTENANCE

- Always keep clean. Any contamination reduce of the heat and flame protection level of the garment. Do not use the contaminated clothes.
- The outer shell can be wiped down with a damp cloth to remove soiling. Do not wash the whole garment.
- Always check the clothes for any damages before using.
- Protection against radiant heat obtained by the use of reflective metallized coatings can be drastically reduced by the effects of soiling or cracking produced by repeated use.
- The garment needs to be replaced in case there are cracked areas on the reflective film, or areas where reflective film has rubbed off which means the reflective coating has degraded.
- These garments can be repairable and should be returned to the place of manufacture. Repair of garments must always be done by authorised companies. Otherwise level of protection may decrease.





**Headquarters**

İkitelli OSB, Aykosan Sanayi Sitesi 2. Kısım  
5. Ada C Blok İkitelli 34490 İstanbul/TURKEY  
T: +90 (212) 671 28 00  
F: +90 (212) 671 99 27

info@kivancgroup.com  
www.kivancgroup.com



/KIVANCGROUP