



## FYRPRO 440® FIRE FIGHTER GARMENT DATA SHEET

Fyrpro series garments are manufactured per EN 469:2005 standard with performance level of X2 Y2 Z2 and 89/686/EEC directives. It has CE certificate. It also meets EN 340 sizing requirements.

It is very important for us to reduce the fire effects by designing four or five layers fabric system in all suits instead of cheaper models with less layer systems in markets. We aimed to have suits with outer shell, moisture barrier, thermal barrier and inner lining. Our suits protect the human body against effects of heat, flame and water which the body can not bear.

Layer system of both jacket and trousers is as below;

1. Outer layer is Nomex® Outer shell tough (75% Nomex® (metaaramid), 23% Kevlar® (paraaramid), 2% P140 antistatic fiber). It is water repellent, FC (FluoroCarbon) finished and antistatic. Outer fabric is 195 gr/m<sup>2</sup>.
2. Moisture barrier is PU membrane laminated onto FR knitted fabric.
3. Heat barrier is 100% aramid
4. Inner layer is Nomex® / Viscose FR
5. Cuffs are Nomex® IIIA (100% meta aramid) knitted interlock fabric
6. Reflective is 3M® Scotchlite yellow-gray-yellow with aramid carrying fabric
7. Zipper bands are made of FR, teeth are made of metal
8. Closure system is velcro FR.
9. Sewing threads are 100% aramid
10. Special carrying bag

Design of garment is as below;

1. It is equipped with radio pocket with cover. Closure elements are made of flame resistance (FR) velcro
2. Metaaramid cuffs protect against flame
3. Stand – up collar with velcro closure
4. Adjustable cuff width with velcro
5. Efficient reflective material area for visibility
6. At the bottom of jacket there are pockets with cover
7. Under cover there is carbine for gloves
8. Bands for fixing the ID number
9. Trousers have elastic waist
10. Elastic braces with rapid closing

