

Manufacturer: GoodPRO, s.r.o., Dukelská 1247, 334 01 Přeštice, Czech Republic, www.goodpro.cz

Material:

Outer layer: 93% meta-aramid, 5% para-aramid, 2% antistat, weight 210 g/m²
 Lining: Topaz PUFR/PESFR - 70% Polyester FR, 30% Polyuretan FR, weight 125 g/m²
 Inner layer: 57% meta-aramid, 27% Lenzing FR, 16% para-aramid, weight 205 g/m²

Description:

Three-layer garment for fire-fighters. The fabric has a special treatment against chemical splashes as well as water repellent coating. The special RipStop weave supports the strength of the garment. The suit provides a perfect thermoregulation of a firefighter, 100% protection as well as a high level of comfort. The garment offers a high level of protection only in case it is complete (jacket and trousers), properly worn and fastened. The garment protects both upper and lower part of the body including the neck, the arms (to the wrists) and legs (to the ankles). The garment does not protect the other parts of the body and it is necessary to combine it with other protective equipment to get a full protection. In case of an accidental splash by chemicals and/or flammable liquids, the wearer should take off the garment immediately, clean it and, if necessary, discard a damaged garment. Check the garment after every use.

EN 1149-5:

This protective garment conforms to the requirements of the standard EN 1149-5 and is designed to prevent incendiary discharges. The garment can be used on the premises with flammable atmosphere only in compliance with the valid standards and regulations governing the protection against static electricity. The wearer dressed in electrostatic dissipative protection garment must be well-grounded through a resistance lower than 10⁸ Ω, we also recommend to wear suitable footwear. Electrostatic dissipative protection garment must be well-fastened, do not take it off in the close proximity of flammable or explosive atmospheres or when handling flammable or explosive substances. Electrostatic dissipative protection garment must not be used in oxygen enriched flammable atmosphere without the prior approval of the responsible safety officer. The excessive wear and use, damage, laundering or possible contamination can influence the antistatic properties of the garment. When used, electrostatic dissipative protective clothing should permanently cover all non-complying materials during normal use (including bending and movements).

Use:




Protective garment for fire fighters GoodPRO FR3 FireRex plus is designed for fire fighting as well as in the hardest conditions in indoor area.

Caution:

To ensure the greatest possible protection and maintain its protective properties, the personal protective garment GoodPRO FR3 FireRex plus must be worn in compliance with the manufacturer's instructions, must be always well-fastened (all zippers and Velcro closures) and complete.

In the case of an alternate design of the garment FR3 FireRex plus for integrated personal protective equipment against falls from a height in according with EN 358 must be used ONLY integrated PPE against falls from a height, which are in compliance with all requirements of EN 358 and EN 469/A1/AC. Suit with a removable inner insulating layer with moisture barrier - after removal of the inner insulating layer with a moisture barrier suit doesn't meet the requirements of EN 469/A1/AC!!!! In the case of an alternate design of the garment FR3 FireRex plus for integrated equipment for drag rescue device (DRD) must be used ONLY integrated equipment that is in compliance with all requirements of EN 469/A1/AC.

Tests:

	Description	Requirements	Evaluation
 Xf2 Xr2 Y2 Z2 EN 469+A1:2006	EN 469+A1:2006		
	Heat transfer – flame, EN 367	HTI ₂₄ ≥ 13,0	level 2, Xf2
		HTI ₂₄ – HTI ₁₂ ≥ 4,0	level 2
	Heat transfer – radiation, EN ISO 6942	RHTI ₂₄ ≥ 18,0	level 2, Xr2
 EN 1149-5:2008		RHTI ₂₄ – RHTI ₁₂ ≥ 4,0	level 2
	Resistance to water penetration	≥ 20 kPa	level 2, Y2
	Water vapour resistance	≤ 30 m ² .Pa.W ⁻¹	level 2, Z2
 3 2 EN 343+A1:2007	EN 343+A1:2007		
	Resistance to water penetration	≥ 13 kPa	level 3
	Water vapour resistance	> 20 ≤ 40 m ² .Pa.W ⁻¹	level 2
	EN 1149-5:2008		
	Half decay time – Method 2	T ₅₀ < 4, S > 0,2	met



Maintenance:

Before washing zip up the garment, fasten all Velcro fasteners and take off the suspenders. Turn the garment upside down including sleeves. We recommend washing at 40°C with gentle machine wash, light spin, pH max.9. Use ordinary liquid detergents without any bleaching agents. Prewash excessively soiled garments. Rinse thoroughly and tumble dry at max spin speed 800 rpm. We recommend free drying in a warm room or drying in a dryer in 2 cycles (max 2x20min) at a lower temperature - max 60°C. At first dry the reverse side, secondly dry the front side of the garment. Re-impregnate after 20 washing cycles according to the instructions. Do not iron directly onto reflective tapes. HIGHER WASHING AND DRYING TEMPERATURES CAUSE FASTER WEAR OUT OF THE GARMENT!

Storage:

Store in dry and well-ventilated areas away from direct sunlight and UV rays. Protect from any damage.

Notes:

Keep the garment clean otherwise it can lead to the degradation of its properties. Check after every use. To ensure the greatest possible protection do not make any alternations to the garment and/or its design. The garment keeps its protective properties only in the environment with standard volume of oxygen. To maintain the required level of protection, every two-part suits must be worn complete. Check and maintain the garment regularly, including FC treatment. Manufacturer does not warrant nor shall manufacturer be liable, or in any way responsible, for damages to a product caused by abuse (including, but not limited to, improper use, lack of reasonable care and maintenance and/or any alteration). In case of any questions, please contact the manufacturer – info@goodpro.cz.

You will find a Declaration of Conformity at www.goodpro.cz

Notified Body 1023 performed EU Type-Examination of the suit FR3 FireRex plus.