

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

**Material:** 50% aramid, 49% Lenzing FR, 1% antistat, weight 230 g/m<sup>2</sup>

**Description:**

One-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 fire-fighter, 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 ISO 11612:**

In contact with flame or small burning particles the material becomes carbonized, but the fire does not spread – it therefore prevents injuries caused by burning clothes. In case of any accidental splashes by liquid chemicals and/or flammable liquids, the wearer must retreat immediately and take off the garment carefully. Avoid any contact with skin. The contaminated garment must be cleaned or discarded.

**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 10<sup>8</sup> 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).

**EN 13034+A1:**

This garment has a special FC treatment, which provides a limited protection against liquid chemicals. FC treatment must be repeated after 20 wash cycles – use the waterproofing agent HYDROB FC (see the instructions). The design of the personal protective clothing with limited protective performance against liquid chemicals covers the lowest level of chemical protection – it protects against potential exposure to small quantities of spray, liquid aerosols or low pressure or low volume splashes against which a complete liquid permeation barrier (at a molecular level) is not required. The garment is designed to protect against chemicals, type 6. It has been tested as a set.

**Caution:**

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

 <b>EN ISO 15384:2020/A1:2021</b>	<b>EN ISO 15384:2020/A1:2021</b>	<b>Requirements</b>	<b>Evaluation</b>
	Limited flame spread	EN ISO 15025	A1
	Radiant heat, EN ISO 6942	RHTI <sub>24</sub> ≥ 11 / RHTI <sub>24</sub> – RHTI <sub>12</sub> ≥ 4	met
	Heat resistance - 260 °C	ISO 17493	met
	Thread- heat resistance 260°C	EN ISO 3146	met
	<b>EN ISO 11612:2015</b>	<b>Requirements</b>	<b>Evaluation</b>
	Heat resistance - 180 °C	ISO 17493	met
	Limited flame spread	EN ISO 15025 , method A	A1
	Convection heat	HTI <sub>24</sub> 4 – 10 s	B1
	Radiant heat	RHTI <sub>24</sub> 7 – 20 s	C1
 <b>EN 1149-5:2018</b>	Contact heat – heat resistance 250 °C	10 – 15 s	F2
	<b>EN 1149-5:2018</b>	<b>Requirements</b>	<b>Evaluation</b>
	Half decay time – Method 2	T <sub>50</sub> < 4 , S > 0,2	met
 <b>EN 13034:2005+A1:2009</b>	<b>EN 13034:2005+A1:2009</b>	<b>Requirements</b>	<b>Evaluation</b>
	Resistance against repellency: H <sub>2</sub> SO <sub>4</sub> 30% / NaOH 10%	R > 95 %	Třída 3
	Resistance against penetration: H <sub>2</sub> SO <sub>4</sub> 30% / NaOH 10%	P < 1 %	Třída 3

**Maintenance:**

Before washing, zip up the garment, fasten all Velcro fasteners, take off the suspenders, take out the knee pads and empty the pockets. Wash the garment separately. Use liquid detergents without bleaches and fabric softeners, pH of the washing bath must not be higher than 9. Before washing fold the garment along its vertical axis including sleeves. Do not exceed capacity of the washing machine - the washing drum should be filled optimally just to 50 % of its volume. Wash with higher water content. **We recommend to wash regularly only at temperature of 40°C.** For more thorough cleaning, repeat the washing in the same way but turn the garment inside out before the second washing. After the washing, rinse and spin at lower speed - max. 800 rpm. We recommend free drying in a warm room, in a tumble dryer or in a drum dryer at a lower temperature of max. 60°C. Dry the garment in the dryer in 2 cycles - the first cycle turned inside (lining) out – the second cycle buttoned with the front side out - max. at 60°C - max. 2x20 minutes. Restore the FC treatment after approximately 20 washing cycles, for example, by HYDROB FC detergent according to its user instructions. **Over-drying of the garment during high temperatures can lead to its disproportionate mechanical wear-out and even to an excessive shrinkage.** Too often repeated garment re-impregnation is not effective. In case of ironing - max. temperature of the ironing plate is 110°C. Always iron outside the reflective stripes. We recommend keeping a reliable evidence of the suit maintenance.

**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](http://www.goodpro.cz)

Notified Body 1023 performed EU Type-Examination of the suit **FR2 FireSnake**.