

protective shirt

**GoodPRO Nela FR**

PPE - category II

**Manufacturer:** GoodPRO, s.r.o., Dukelska 1247, 334 01 Prestice, Czech Republic, [www.goodpro.cz](http://www.goodpro.cz)

**Material:** 64% Lenzing FR, 35% aramid, 1% Antistat, weight 150 g/m<sup>2</sup>

**Description:**

This protective underwear provides a superior protection as well as excellent comfort. It is produced from the top-quality, harmless material and ensures a high level of abrasion resistance.

**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 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).



**Use:**

Mainly for petrochemical and gas industry, ADR work, energetic and engineering.

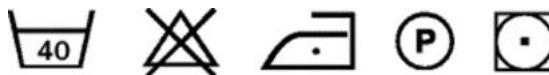
**Caution:**

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.

**Tests:**

 <b>EN ISO 11612:2015</b> <b>A1 A2 B1 C1 F1</b>	Test according EN ISO 11612:2015	Requirements	Evaluation
	Heat resistance - 180 °C	ISO 17493	met
Limited flame spread	EN ISO 15025 , method A	A1	
Limited flame spread	EN ISO 15025 , method B	A2	
Convection heat	HTI <sub>24</sub> 4 – 10 s	B1	
Radiant heat	RHTI <sub>24</sub> 7 – 20 s	C1	
Contact heat – heat resistance 250 °C	5 – 10 s	F1	
 <b>EN 1149-5:2008</b>	Test according EN 1149-5:2008	Requirements	Evaluation
Method 2 – Half decay time	T <sub>50</sub> < 4 , S > 0,2	met	

**Maintenance:**



Before washing zip up the garment, fasten all Velcro fasteners and take off the suspenders. 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. 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 features only in the environment with standard volume of oxygen. To maintain the required level of protection. 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](mailto: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 underwear **Nela FR**.