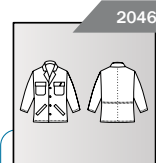




GoodPRO[®]
good protection

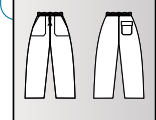


2-layer multi-norm protective suit made of innovative inherently and permanently non-flammable materials Lenzing FR[®]/aramid/polyamide which ensure a high level of protection. Constructed with a vapor barrier (waterproof breathable membrane with lining), detachable waterproof hood and back extension on jacket, the suit offers a reliable **protection against water, rain and wind**. Available in blue-grey combination with 3M silver reflective tapes.



20402

20412



Material:

Outer layer: 65% Lenzing FR[®], 22% aramid, 12% polyamide, 1% Belltron, weight 250 g/m²

Inner layer: 50% KermeI[®], 50% Lenzing FR[®], laminated PU membrane, weight 170 g/m²

Lenzing FR[®] is an inherently and permanently non-flammable cellulose fibre, which provides excellent protection against heat and flame. It also offers high comfort of use with extra breathability and minimum heat shrinkage.



Use:

GoodPRO SF3 Alex is an all-purpose multi-norm protective suit with a wide range of use. Designed for petrochemical and gas industry, power engineering, refineries and ADR transport.



EN ISO 11612
A1 B2 C1 F1



EN 1149-5



EN 13034+A1
Typ 6



EN 61482-1-2
class 2 (7kA)



EN 343



INSTRUCTION

antistatic protective garment against heat risks, liquid chemicals, electric arc and rain

GoodPRO SF3 Alex

Manufacturer: VOCHOC, s.r.o., Domažlická 216/38, 318 00 Plzeň, Czech republic

www.goodpro.cz

Specification of product:

Material: Outer layer: 50% Kermel, 49% Lenzing FR®, 1% carbon fibers, weight 260 g/m²
Innner layer: 50% Kermel, 50% Lenzing FR®, laminated PU membrane, weight 170 g/m²

Description:

The garment is made of the fabric with Lenzing FR® fibres, and provides not only protection, but also excellent comfort thanks to its extraordinary thermoregulation properties. The fabric contains conductive fibres which safely take away static electricity. The fabric also protects against the negative effects of the exposure to arc flash and ensures a limited protection against liquid chemicals.

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 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).

EN 13034:

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.

EN 61482-1-2:

This personal protective garment is in compliance with standard EN 61482-1-2, class 1. It should minimise the negative effects of the exposure to arc flash.

EN 343+A1:

This personal protective garment is in compliance with standard EN 343+A1. The top-quality PU membrane ensures the resistance to water penetration and water vapour resistance. Detailed data and technical information available on request.

Use:

Mainly in petrochemical industry, energetics, gas industry, refineries and ADR outdoor workplaces under adverse weather conditions as well as in flammable or explosive atmospheres (caused by incendiary discharge). The garment is also suitable for welding and other related processes.

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.

INSTRUCTION

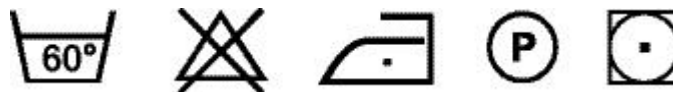
antistatic protective garment against heat risks, liquid chemicals, electric arc and rain

GoodPRO SF3 Alex

Tests:

 EN ISO 11612 A1 B2 C1 F1	Test according EN ISO 11612	Requirements	Evaluation
	Heat resistance - 180 °C	ISO 17493	met
	Limited flame spread	EN ISO 15025 , method A	A1
	Convection heat	HTI ₂₄ 10 – 24 s	B2
	Radiant heat	RHTI ₂₄ 7 – 20 s	C1
 EN 1149-5	Contact heat – heat resistance 250 °C	5 – 10 s	F1
	Test according EN 1149-5	Requirements	Evaluation
 EN 61482-1-2	Method 2 – Half decay time	T ₅₀ < 4 , S > 0,2	met
	Test according EN 61482-1-2	Requirements	Evaluation
 EN 13034	Resistance against repellency H ₂ SO ₄ 30% NaOH 10%	R > 95 %	class 3
	Resistance against penetration H ₂ SO ₄ 30% NaOH 10%	P < 1 %	class 3
 EN ISO 343+A1	Test according EN 343+A1	Requirements	Evaluation
	Water penetration resistance	≥ 13 000 Pa	3
	Water vapor resistance	≤ 20 m ² Pa/W	3

Maintenance:



Zip up the garment and/or fasten all Velcro closures before washing and/or cleaning. Use ordinary liquid detergents without any bleaching agents. Pre-wash or dry clean excessively soiled garments. Select a lower spin speed (max. 600 rpm). Do not iron directly onto reflective tapes. To maintain the high-performance properties, we recommend to set the washing machine at 40 °C. Tumble dry at 75 °C (two drying cycles). Re-impregnate of FC treatment the garment after 20 wash cycles - use the waterproofing agent HYDROB FC (see the instructions).

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, every two-part suits must be worn complete. To achieve maximum protective performance, it is necessary to wear the vest together with the flame retardant garment which fully covers arms. 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.