

MANUAL This user manual needs to be read before using the products.

This product is in compliance with the Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.

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WELDAS PRODUCT: Long sleeve sweatshirt 31-1300 **Trousers 31-1600** Neck protector 31-1950 Balaclava 31-1980





Trade mark: \[\begin{aligned} \ccirc OOL \ FR \end{aligned}

Clothing type: Antistatic, flame retardant clothing

products meet the following requirements of standards:

EN ISO 13688:2013, EN ISO 13688:2013/A1:2021

Protective clothing, General requirements

EN 1149-5:2018

static properties-Part 5: Material performance and design requirements

EN ISO 11612:2015

Protective clothing. Clothing to protect against heat and flame.

Minimum performance requirements:

- limited flame spread performance level A1+A2 convective heat performance level B1 radiant heat performance level C1 molten iron splash performance level E3

- contact heat performance level F1



EN 1149-5:2018

EN ISO 11612:2015

Additional information:

Size: see below and on the product label

The effectiveness of the protection provided by clothing may be influenced by: wear, damage, washing and possible contamination. For proper protection it is recommended to use additional personal protective equipment, e.g. protective gloves, eye and face protection equipment, hoods, and shoes to provide protection against hazards occurring during the work. The level of protection against flame will be reduced if the clothing is contaminated with flammable substances. An increase in oxygen content in the air will significantly reduce the protective properties of clothing against flame. The electrical insulation provided by clothing will be reduced when the clothing becomes damp, dirty or saturated with sweat. If chemicals, grease or flammable liquids are accidentally splashed on clothing, the user should immediately withdraw from the work area and carefully remove the clothing so that any part of the user's skin does not come into contact with the chemicals. In the event of molten iron splashes, the user should immediately leave the workplace and remove clothing. If the clothing is worn next to the skin, the risk of burns cannot be completely eliminated.

Other important information:

- Testing of clothing properties, resulting from the requirements of the declared standards, confirmed after 50 maintenance
- The materials used to produce clothing do not contain any substances that could cause allergic symptoms, however, if any allergic reaction is noticed, the user should leave the danger zone, take off the clothes and consult a doctor.
- It is recommended to keep this manual.

Description and purpose of the clothing:

Antistatic, flame retardant clothing consisting of long sleeve sweatshirt, trousers, balaclava and neck protector, intended to protect the user against:

- inflammation due to short-term contact with the flame
- effects of convective heat, thermal radiation and contact heat,

- splashes of molten iron and sparks, and for work in an environment where the ability to dissipate an electrostatic charge is required to prevent lightning that is capable of igniting. Clothing is used in spaces (Zone 1, 2, 20, 21 and 22) where the minimum ignition energy of an explosive atmosphere is not less than 0,016mJ.

explosive atmosphere is not less than 0,016mJ. Provides protection only when using a complete set of clothing covering the torso, arms, neck, head and legs so as to protect the user's body as much as possible and ground the user directly or by wearing appropriate footwear, in accordance with the manufacturer's instructions. The electrical resistance between human skin and earth should be less than $10^8\Omega$, e.g. by wearing appropriate footwear on dissipative or conductive floors. Clothing should not be removed in flammable or explosive atmospheres or when handling flammable or explosive substances. The garment should not be used in oxygen-enriched atmospheres and Zone 0 environments without the prior approval of the safety engineer. During normal use (including bending), clothing should completely cover all materials that do not meet the requirements of EN 1149-5:2018. requirements of EN 1149-5:2018.

Washing:

The clothing retains antistatic, flame retardant and thermal properties (caused by molten iron splashes, convection heat, contact heat, radiant heat) for up to 50 washes. Follow the following maintenance procedures:



Wash at a temperature not exceeding 40 °C.



Do not use bleaching Drum drying is ents that release chlorine.



allowed.



Iron at a temperature not exceeding the bottom plate of the iron 110°C.



Dry cleaning allowed.

Materials used:

60% modacrylic, 38% cotton, 2% antistatic thread, 200g/m2.

Warrantee: This product is warranted against manufacturing defects. If the product can be repaired, it needs to be

Remove:

Once this product can't be used anymore, it is the responsibility of the user to remove this product in an environmental way. Disposal according to local regulations.



The service life depends on the degree of wear and use intensity in the respective application areas and is max. 60 months after manufacturing date. The date of manufacture is indicated on a label at the inside of the product.

Storage and transport:

Store in a dry and airy room, away from heat sources and at temperatures over 5° Celcius. Do not store dirty clothes. Do not stack higher than 5 cartons on 1 pallet.

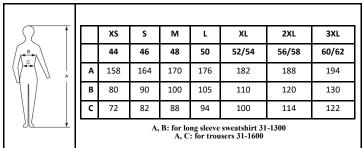
Transport clothes in original packaging (plastic bags), protecting them against dirt, mechanical damage and getting wet.

Ageing:

If washing, drying and ironing has been applied or not stored according to the above instruction, the ageing of this product will be influenced negatively

Sizing: In order to properly select the size of clothing, use the information contained in the size tables. Body measurements should be taken in the places marked in the tables below

Sizing for long sleeve sweatshirt 31-1300 and trousers 31-1600



Sizing for balaclava 31-1980

	(M)	1 см
31-1980 L	48-55 cm	38-45 cm
31-1980 XL	50-62 cm	42-52 cm

Sizing for neck protector 31-1950

	GM	Т см
31-1950	45-60 cm	30-50 cm

Attention: Declaration of conformity, test report, certificate, manual: www.weldas-ce.com
Above listed products have been tested and certified at: Sieé Badawcza Łukasiewicz-Łódzki Instytut Technologiczny
Marii Skłodowskiej-Curie Street 19/27, PL 90-570 Łódź, Poland (Approved EU No. 1439).